

Converting Colors

XYZ(76.3357, 81.1262, 98.0218)

Have a look what the booklet for
XYZ(76.3357, 81.1262, 98.0218)
contains.

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Color

**XYZ(76.3357, 81.1262,
98.0218)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEAF5
RGB	223, 234, 245
RGB Percent	87%, 92%, 96%
CMY	0.1255, 0.0823, 0.0392
CMYK	0.09, 0.04, 0.00, 0.04
HSL	210°, 52%, 92%
HSV	210°, 9%, 96%
XYZ	76.3357, 81.1262, 98.0218
YIQ	231.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

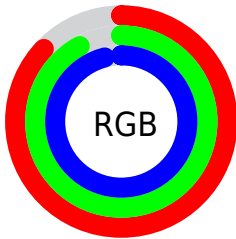
Format	Color
R _Y B	223, 230, 245
Decimal	14674677
CIE Lab	92.19, -1.56, -6.58
CIE LCh	92, 6.768, 256.654
Yxy	81.1262, 0.2988, 0.3175
Android (android.graphics.Color)	4292864757 (0xFFDFEAF5)
YUV	231.9650, 6.4263, -7.8623
Hunter-Lab	90.0701, -6.3413, -1.4753

Details

The XYZ color **76.3357, 81.1262, 98.0218** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3987, 83.5853, 81.7096**, and the grayscale version is **76.6364, 80.6275, 87.8033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2542, 43.8397, 54.4317** is the 20% darker color. If you saturate the color by 10%, you get **65.9602, 70.7814, 96.5732**, and if you desaturate by 10%, it is **88.0491, 92.5229, 99.6055**.

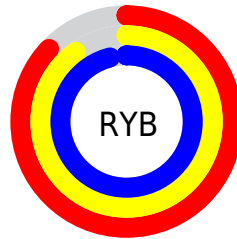
Distribution



Red (87%)

Green (92%)

Blue (96%)



Red (87%)

Yellow (90%)

Blue (96%)

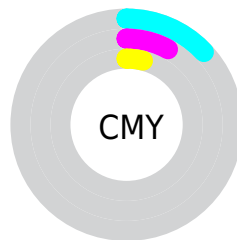


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (8%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3357, 81.1262, 98.0218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.3357, 81.1262, 98.0218 by changing the saturation by 10% instead.

■ 76.3357, 81.1262,
98.0218

■ 76.3357, 81.1262,
98.0218

471.4228,
498.7201, 575.0240

■ 57.0058, 60.6455,
74.0418

127.1792,
134.9480, 160.4641

■ 41.2501, 43.9392,
54.3313

159.4235,
169.0578, 199.7635

■ 28.7031, 30.6227,
38.4716

196.7033,
208.4796, 245.0065

■ 18.9995, 20.3117,
26.0443

239.3840,
253.5976, 296.6116

■ 11.7739, 12.6218,
16.6307

287.8310,
304.7963, 354.9974

■ 6.6610, 7.1687,
9.8124

342.4095,

■ 3.2955, 3.5678,

362.4600, 420.5823

5.1708

403.4850,
426.9731, 493.7850

■ 1.3119, 1.4349,
2.2873

■ 0.1921, 0.2422,
0.7241

■ 76.3357, 81.1262,
98.0218

■ 76.3357, 81.1262,
98.0218

■ 65.9602, 70.7814,
96.5732

■ 88.0491, 92.5229,
99.6055

■ 56.8641, 61.4445,
95.2504

■ 93.4817, 99.3727,
100.6413

■ 48.9946, 53.0832,
94.0512

■ 42.2925, 45.6592,
92.9715

■ 36.6931, 39.1312,
92.0066

■ 32.1247, 33.4542,
91.1516

■ 28.5064, 28.5778,
90.4011

■ 25.7428, 24.4439,
89.7488

■ 23.6942, 20.9713,
89.1865

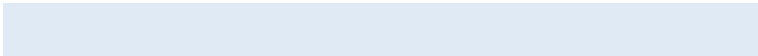
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8266, 81.1262, 95.5108



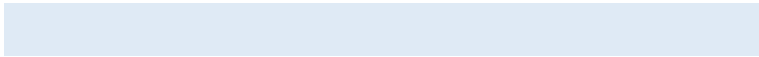
76.3357, 81.1262, 98.0218



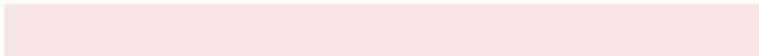
78.0742, 81.1262, 97.8679

Triad

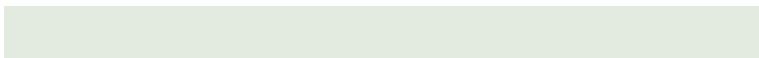
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3357, 81.1262, 98.0218



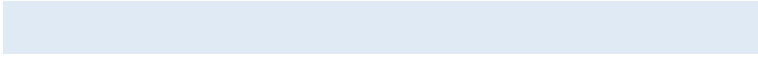
80.3693, 81.1262, 85.6056



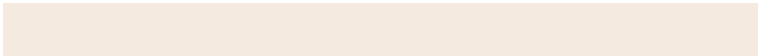
74.6923, 81.1262, 81.8962

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.3357, 81.1262, 98.0218



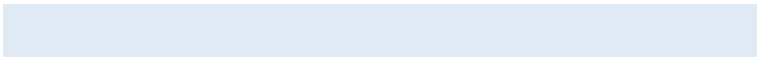
80.3987, 83.5853, 81.7096

Split Complementary

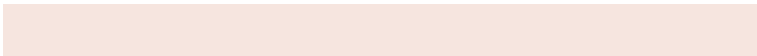
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1499, 81.1262, 79.4378



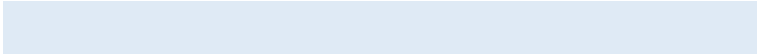
76.3357, 81.1262, 98.0218



79.4354, 81.1262, 81.5235

Square

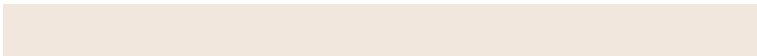
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3357, 81.1262, 98.0218



80.4209, 81.1262, 90.5706



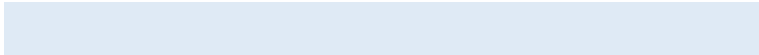
77.8855, 81.1262, 79.3040



73.8874, 81.1262, 86.1319

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3357, 81.1262, 98.0218



79.1296, 81.1262, 96.2727



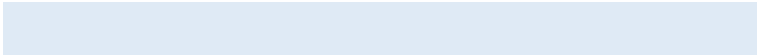
77.8855, 81.1262, 79.3040



75.1212, 81.1262, 80.8416

Sweetspot

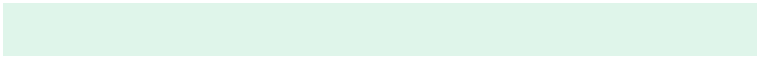
The Sweet Spot groups the original color and five complimentary colors.



76.3381, 81.1296, 98.0236



91.0836, 96.1623, 108.3683



77.8839, 86.9136, 90.2385



19.2736, 20.3670, 23.1653



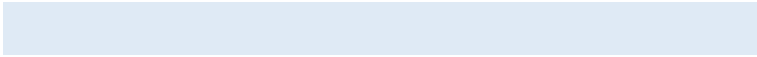
0.0000, 0.0000, 0.0000



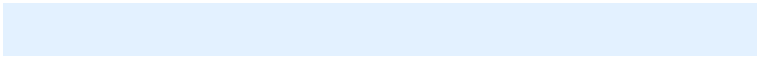
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3381, 81.1296, 98.0236



81.1620, 86.4412, 107.0149



73.4001, 75.2536, 97.0443



16.2660, 17.2962, 21.0238



12.8024, 11.3985, 48.0634



1.2280, 1.2073, 4.2586

Inverse Universe

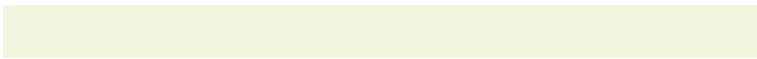
The Inverse Universe completely reimagines the original color for something new.



78.8970, 78.1300, 88.7682



84.5695, 82.5205, 94.6737



83.5184, 89.8247, 82.7495



16.8448, 16.6208, 18.9294



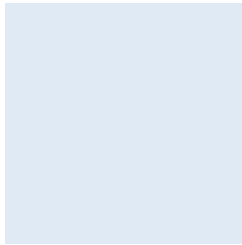
22.2666, 11.2501, 11.3780



2.0089, 1.0095, 1.2732

Previews

White Background



This preview shows how the XYZ color 76.3357, 81.1262, 98.0218 looks on a white background.

Color Contrast Check

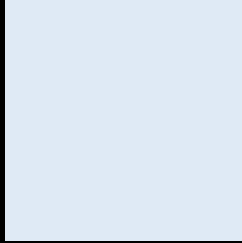
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 76.3357, 81.1262, 98.0218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

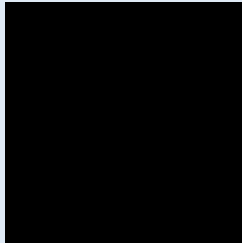
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

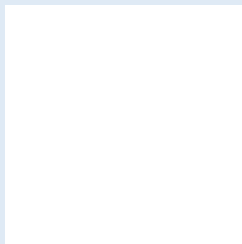
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3357, 81.1262, 98.0218

Background



This preview shows how black text looks on a background with the XYZ color 76.3357, 81.1262, 98.0218.



This preview shows how white text looks on a background with the XYZ color 76.3357, 81.1262,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.3357, 81.1262, 98.0218

Protanopia

78.3578, 80.9465, 96.2884

Deuteranopia

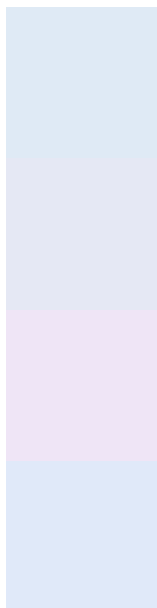
82.6963, 81.0646, 99.2842



Tritanopia

77.2920, 81.0902, 102.8450

Trichromacy



Original Color

76.3357, 81.1262, 98.0218

Protanomaly

77.4988, 80.9029, 97.1191

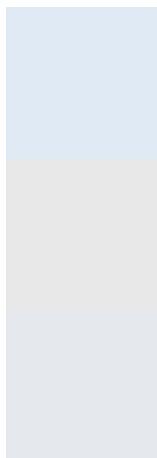
Deuteranomaly

80.2505, 81.0432, 98.6020

Tritanomaly

76.9783, 80.9647, 101.1931

Monochromacy



Original Color

76.3357, 81.1262, 98.0218

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.7381, 81.0503, 91.7205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3357, 81.1262, 98.0218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 234, 245)` looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 234, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 245) }
```

Border

The CSS property to change the border of an element to XYZ 76.3357, 81.1262, 98.0218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 234, 245) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 234, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 234, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3357, 81.1262, 98.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 234, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
234, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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