

Converting Colors

XYZ(75.2825, 81.9144, 96.0464)

Have a look what the booklet for
XYZ(75.2825, 81.9144, 96.0464)
contains.

XYZ(75.2246, 81.8846, 95.8449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.2246, 81.8846,
95.8449)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEDF2
RGB	218, 237, 242
RGB Percent	85%, 93%, 95%
CMY	0.1451, 0.0706, 0.0510
CMYK	0.10, 0.02, 0.00, 0.05
HSL	192°, 48%, 90%
HSV	192°, 10%, 95%
XYZ	75.2246, 81.8846, 95.8449
YIQ	231.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

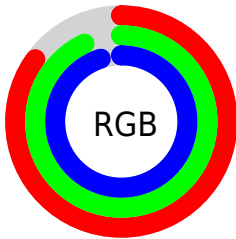
Format	Color
R _{YB}	218, 229, 242
Decimal	14347762
CIE Lab	92.52, -5.28, -4.57
CIE LCh	93, 6.977, 220.865
Yxy	81.8846, 0.2974, 0.3237
Android (android.graphics.Color)	4292537842 (0xFFDAEDF2)
YUV	231.8890, 4.9847, -12.1807
Hunter-Lab	90.4901, -9.9703, 0.5446

Details

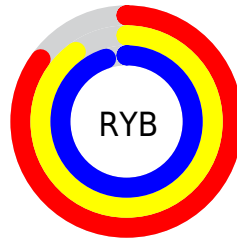
The XYZ color **75.2246, 81.8846, 95.8449** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6608, 76.7140, 77.1505**, and the grayscale version is **76.5915, 80.5802, 87.7519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4911, 44.3794, 52.8864** is the 20% darker color. If you saturate the color by 10%, you get **67.0719, 75.5488, 95.0529**, and if you desaturate by 10%, it is **84.4796, 88.8540, 96.7036**.

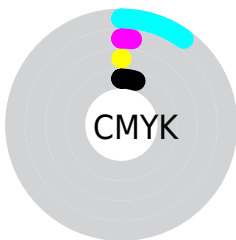
Distribution



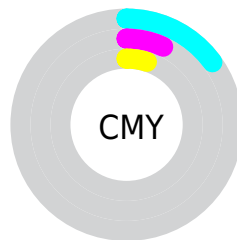
- Red (85%)
- Green (93%)
- Blue (95%)



- Red (85%)
- Yellow (90%)
- Blue (95%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2246, 81.8846, 95.8449 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 75.2246, 81.8846, 95.8449 by changing the saturation by 10% instead.

■ 75.2246, 81.8846,
95.8449

■ 75.2246, 81.8846,
95.8449

467.6745,
501.2616, 567.9196

■ 56.0917, 61.2704,
72.2376

125.6165,
136.0122, 157.4370

■ 40.5138, 44.4434,
52.8648

157.6061,
170.2943, 196.2588

■ 28.1253, 31.0193,
37.3079

194.6122,
209.9013, 240.9893

■ 18.5611, 20.6135,
25.1483

236.9999,
255.2174, 292.0469

■ 11.4557, 12.8418,
15.9675

285.1346,
306.6271, 349.8502

■ 6.4438, 7.3197,
9.3471

339.3817,

■ 3.1600, 3.6628,

364.5148, 414.8177

4.8684

400.1065,
429.2648, 487.3680

■ 1.2389, 1.4868,
2.1128

■ 0.1368, 0.2794,
0.6234

■ 75.2246, 81.8846,
95.8449

■ 75.2246, 81.8846,
95.8449

■ 67.0719, 75.5488,
95.0529

■ 84.4796, 88.8540,
96.7036

■ 59.9685, 69.8120,
94.3200

■ 90.5529, 94.2422,
97.4235

■ 53.8675, 64.6519,
93.6456

■ 92.1152, 97.3667,
97.9443

■ 48.7156, 60.0404,
93.0270

■ 93.0272, 99.1909,
98.2483

■ 44.4544, 55.9469,
92.4615

■ 41.0187, 52.3373,
91.9458

■ 38.3340, 49.1726,
91.4765

■ 36.3119, 46.4069,
91.0492

■ 34.8055, 43.9636,
90.6570

Harmonies

Analogous

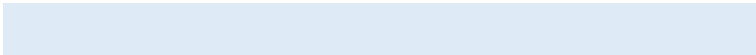
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4584, 81.8846, 91.0517



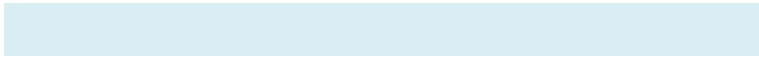
75.2246, 81.8846, 95.8449



76.6928, 81.8846, 98.9175

Triad

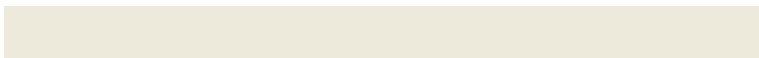
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2246, 81.8846, 95.8449



81.1658, 81.8846, 92.4681



77.1742, 81.8846, 79.7172

Complementary

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



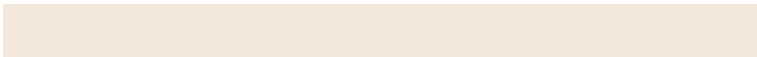
75.2246, 81.8846, 95.8449



75.6608, 76.7140, 77.1505

Split Complementary

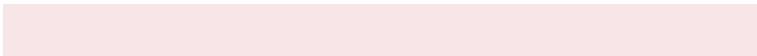
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9761, 81.8846, 80.0633



75.2246, 81.8846, 95.8449



81.2995, 81.8846, 87.2915

Square

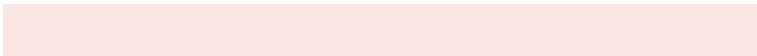
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2246, 81.8846, 95.8449



80.1298, 81.8846, 96.9163



80.4925, 81.8846, 82.7904



75.5723, 81.8846, 81.8260

Rectangle

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



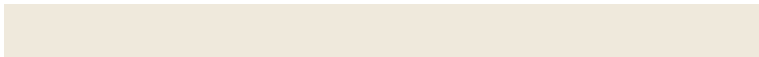
75.2246, 81.8846, 95.8449



77.8814, 81.8846, 99.5081



80.4925, 81.8846, 82.7904



77.7763, 81.8846, 79.5524

Sweetspot

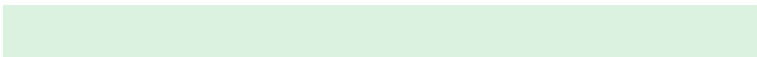
The Sweet Spot groups the original color and five complimentary colors.



75.2270, 81.8880, 95.8467



91.7854, 97.5659, 108.6022



73.9592, 83.7279, 81.9351



19.4633, 20.7463, 23.2286



0.0000, 0.0000, 0.0000



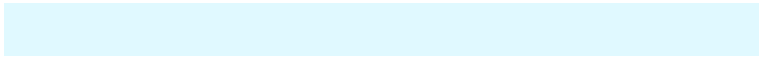
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2270, 81.8880, 95.8467



82.6759, 90.6539, 107.7482



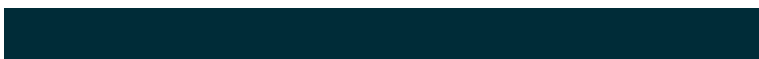
71.9211, 75.2762, 94.7447



15.9517, 17.3376, 20.2273



18.7931, 23.8104, 48.7332



1.6327, 2.1194, 4.0772

Inverse Universe

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



76.9772, 75.1360, 90.5704



85.0444, 81.6030, 100.5886



78.9252, 83.2427, 78.2386



16.3051, 15.9717, 19.1627



24.8115, 12.1970, 27.9876



2.0991, 1.0287, 2.5125

Previews

White Background



This preview shows how the XYZ color 75.2246, 81.8846, 95.8449 looks on a white background.

Color Contrast Check

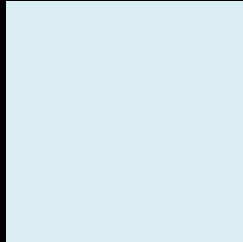
Large Text (above 18pt) WCAG AA × Fail

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 75.2246, 81.8846, 95.8449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

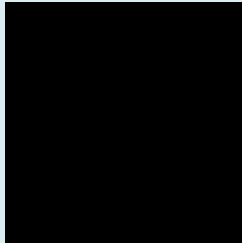
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

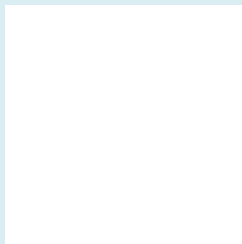
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2246, 81.8846, 95.8449

Background



This preview shows how black text looks on a background with the XYZ color 75.2246, 81.8846, 95.8449.



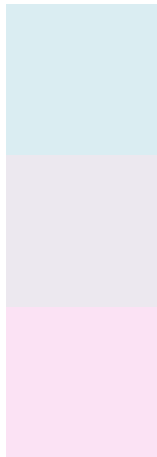
This preview shows how white text looks on a background with the XYZ color 75.2246, 81.8846,

95.8449.

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

75.2246, 81.8846, 95.8449

Protanopia

79.0287, 81.7781, 93.2808

Deuteranopia

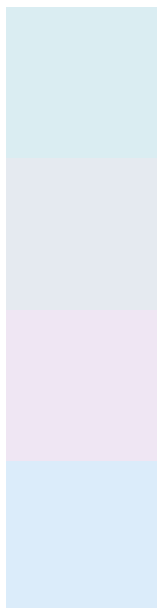
83.3092, 81.4336, 96.9153



Tritanopia

77.1129, 81.7881, 105.4883

Trichromacy



Original Color

75.2246, 81.8846, 95.8449

Protanomaly

77.4641, 81.7949, 94.1433

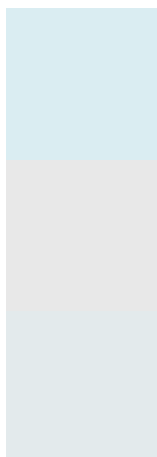
Deuteranomaly

80.0711, 81.4154, 96.2886

Tritanomaly

76.4642, 81.9531, 102.2309

Monochromacy



Original Color

75.2246, 81.8846, 95.8449

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2417, 81.2327, 91.0180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2246, 81.8846, 95.8449 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(218, 237, 242)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 242)  
}
```

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(218, 237, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.2246, 81.8846, 95.8449 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(218, 237, 242) }
```


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

```
.border{ border-color:rgb(218, 237, 242) }
```

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

Here you see how a box with a 4 pixel rgb(218, 237, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2246, 81.8846, 95.8449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 242) }
```

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

```
.background{ background-color: rgb(218,  
237, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor