

# Converting Colors

XYZ(75.2575, 82.2548, 95.3779)

Have a look what the booklet for  
XYZ(75.2575, 82.2548, 95.3779)  
contains.

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# Color

**XYZ(75.3652, 82.4054,  
95.1527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAEEF1
RGB	218, 238, 241
RGB Percent	85%, 93%, 95%
CMY	0.1451, 0.0666, 0.0549
CMYK	0.10, 0.01, 0.00, 0.05
HSL	188°, 45%, 90%
HSV	188°, 10%, 95%
XYZ	75.3652, 82.4054, 95.1527
YIQ	232.3620, -12.8830, -3.3070

# Conversions

## Conversions Part 2

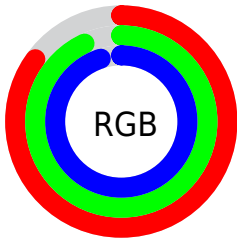
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 229, 241
Decimal	14348017
CIE Lab	92.75, -5.98, -3.71
CIE LCh	93, 7.034, 211.800
Yxy	82.4054, 0.2980, 0.3258
Android (android.graphics.Color)	4292538097 (0xFFDAEEF1)
YUV	232.3620, 4.2585, -12.5955
Hunter-Lab	90.7774, -10.6663, 1.3965

# Details

The XYZ color **75.3652, 82.4054, 95.1527** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7874, 75.4752, 76.9576**, and the grayscale version is **76.9509, 80.9583, 88.1636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5892, 44.7452, 52.3964** is the 20% darker color. If you saturate the color by 10%, you get **67.7703, 77.1470, 94.5393**, and if you desaturate by 10%, it is **84.0287, 88.2428, 95.8241**.

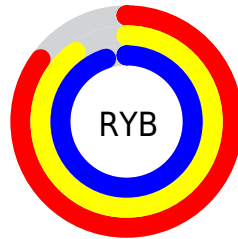
# Distribution



Red (85%)

Green (93%)

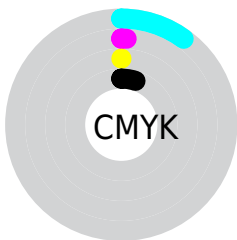
Blue (95%)



Red (85%)

Yellow (90%)

Blue (95%)

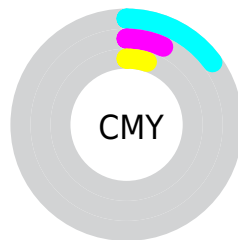


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (7%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3652, 82.4054, 95.1527 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 75.3652, 82.4054, 95.1527 by changing the saturation by 10% instead.



75.3652, 82.4054,  
95.1527

75.3652, 82.4054,  
95.1527

468.1497,  
503.0027, 565.6505

56.2074, 61.6998,  
71.6645

125.8143,  
136.7424, 156.4729

40.6068, 44.7901,  
52.3995

157.8363,  
171.1425, 195.1420

28.1983, 31.2922,  
36.9392

194.8771,  
210.8762, 239.7085

18.6164, 20.8214,  
24.8650

237.3020,  
256.3279, 290.5909

11.4958, 12.9935,  
15.7584

285.4763,  
307.8820, 348.2078

6.4711, 7.4241,  
9.2008

339.7655,

3.1770, 3.7287,

365.9229, 412.9777

4.7738

400.5348,  
430.8350, 485.3191

■ 1.2480, 1.5230,  
2.0588

■ 0.1438, 0.3048,  
0.5911

■ 75.3652, 82.4054,  
95.1527

■ 75.3652, 82.4054,  
95.1527

■ 67.7703, 77.1470,  
94.5393

■ 84.0287, 88.2428,  
95.8241

■ 61.1917, 72.4339,  
93.9763

■ 89.5538, 92.4838,  
96.3515

■ 55.5834, 68.2445,  
93.4633

■ 90.5081, 94.3924,  
96.6696

■ 50.8932, 64.5516,  
92.9977

■ 91.4786, 96.3333,  
96.9931

■ 47.0636, 61.3256,  
92.5768

■ 92.4653, 98.3068,  
97.3220

■ 44.0307, 58.5334,  
92.1977

■ 92.8774, 99.1310,  
97.4593

■ 41.7215, 56.1371,  
91.8569

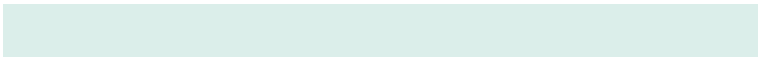
■ 40.0493, 54.0921,  
91.5503

■ 38.8756, 52.3268,  
91.2715

# Harmonies

## Analogous

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



74.8522, 82.4054, 90.0431



75.3652, 82.4054, 95.1527



76.6694, 82.4054, 98.9226

# Triad

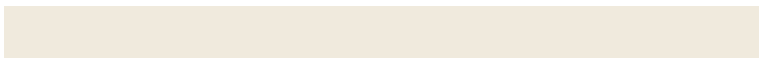
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3652, 82.4054, 95.1527



81.4726, 82.4054, 94.5825



78.2131, 82.4054, 80.0060

# Complementary

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



75.3652, 82.4054, 95.1527



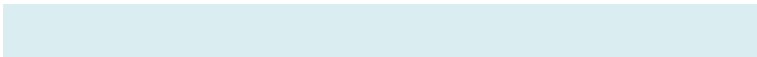
74.7874, 75.4752, 76.9576

# Split Complementary

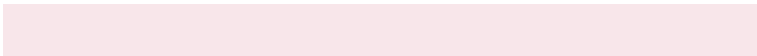
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0019, 82.4054, 81.1169



75.3652, 82.4054, 95.1527



81.9012, 82.4054, 89.4086

# Square

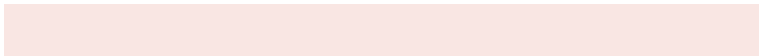
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3652, 82.4054, 95.1527



80.1966, 82.4054, 98.5844



81.3590, 82.4054, 84.5086



76.4805, 82.4054, 81.4138

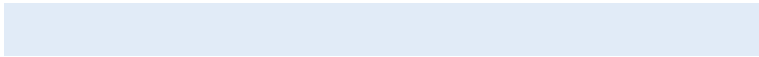


# Rectangle

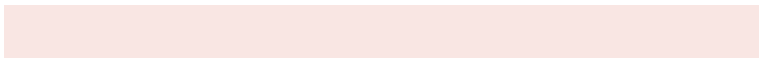
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3652, 82.4054, 95.1527



77.8220, 82.4054, 100.0962



81.3590, 82.4054, 84.5086



78.8278, 82.4054, 80.0970

# Sweetspot

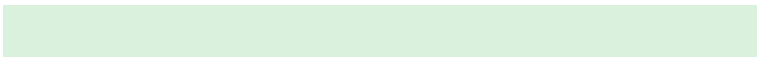
The Sweet Spot groups the original color and five complimentary colors.



75.3676, 82.4089, 95.1545



91.9742, 97.9436, 108.6652



73.3791, 83.0210, 80.3442



19.5144, 20.8485, 23.2456



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

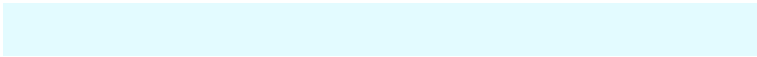


# Same Dimension

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



75.3676, 82.4089, 95.1545



84.3181, 92.7533, 108.0669



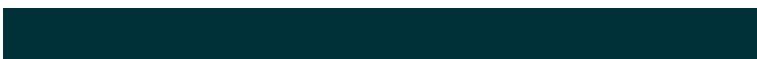
72.2110, 76.0957, 94.1023



16.0615, 17.5571, 20.2639



21.1254, 28.4751, 49.5107



1.8059, 2.4657, 4.1350



# Inverse Universe

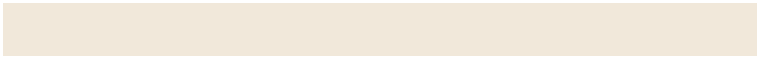
The Inverse Universe completely reimagines the original color for something new.



76.7815, 75.0183, 91.3261



86.1626, 83.1577, 103.0626



77.8401, 81.5806, 77.9752



16.3605, 15.9939, 19.4544



25.9888, 12.6679, 34.1870

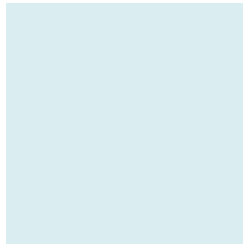


2.1865, 1.0636, 2.9728



# Previews

## White Background



This preview shows how the XYZ color 75.3652, 82.4054, 95.1527 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

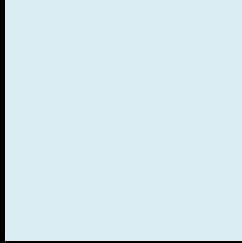
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.3652, 82.4054, 95.1527 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

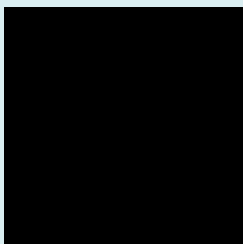
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

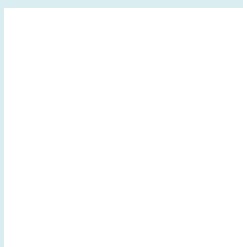
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 75.3652, 82.4054, 95.1527**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.3652, 82.4054, 95.1527.



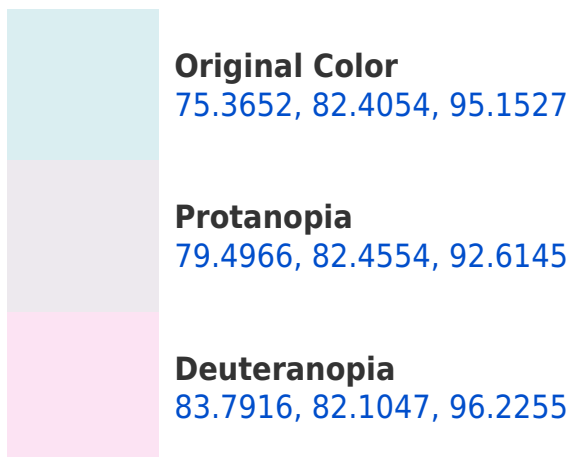
This preview shows how white text looks on a background with the XYZ color 75.3652, 82.4054,

95.1527.

# 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

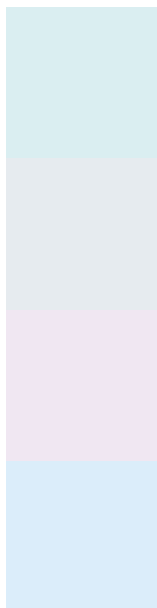




## **Tritanopia**

77.5607, 82.4265, 106.4298

# Trichromacy



## Original Color

75.3652, 82.4054, 95.1527

## Protanomaly

77.9214, 82.4717, 93.4731

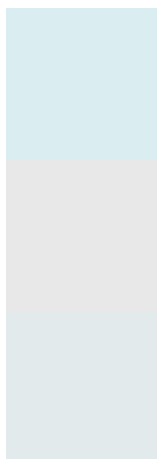
## Deuteranomaly

80.5381, 82.0879, 95.6041

## Tritanomaly

76.7529, 82.5306, 102.3272

# Monochromacy



## Original Color

75.3652, 82.4054, 95.1527

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

76.0968, 81.1747, 90.2548

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.3652, 82.4054, 95.1527 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, 238, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 238, 241)  
}
```

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, 238, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 238, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 75.3652, 82.4054, 95.1527 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, 238, 241) }
```



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

```
.border{ border-color:rgb(218, 238, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 238, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 238, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 238, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 238,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.3652, 82.4054, 95.1527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 238, 241) }
```

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

```
.background{ background-color: rgb(218,  
238, 241) }
```

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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