

Converting Colors

XYZ(32.1257, 35.0166, 49.8654)

Have a look what the booklet for
XYZ(32.1257, 35.0166, 49.8654)
contains.

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Color

**XYZ(32.1257, 35.0166,
49.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA3B7
RGB	138, 163, 183
RGB Percent	54%, 64%, 72%
CMY	0.4588, 0.3608, 0.2823
CMYK	0.25, 0.11, 0.00, 0.28
HSL	207°, 24%, 63%
HSV	207°, 25%, 72%
XYZ	32.1257, 35.0166, 49.8654
YIQ	157.8050, -21.3200, 0.9200

Conversions

Conversions Part 2

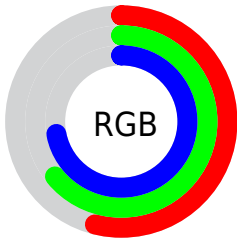
Format	Color
R _Y B	138, 154, 183
Decimal	9085879
CIE Lab	65.76, -4.13, -13.19
CIE LCh	66, 13.825, 252.617
Yxy	35.0166, 0.2746, 0.2993
Android (android.graphics.Color)	4287275959 (0xFF8AA3B7)
YUV	157.8050, 12.4211, -17.3690
Hunter-Lab	59.1748, -6.6492, -8.5401

Details

The XYZ color **32.1257, 35.0166, 49.8654** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3431, 36.3561, 29.1476**, and the grayscale version is **32.3644, 34.0499, 37.0803**.

A 20% lighter version of the original color is **62.3896, 67.5813, 91.4176**, and **13.6442, 15.0068, 23.2966** is the 20% darker color. If you saturate the color by 10%, you get **27.9517, 30.7905, 49.2702**, and if you desaturate by 10%, it is **36.9049, 39.6943, 50.5170**.

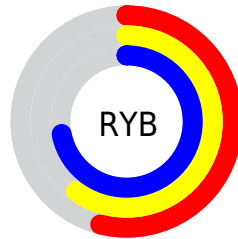
Distribution



Red (54%)

Green (64%)

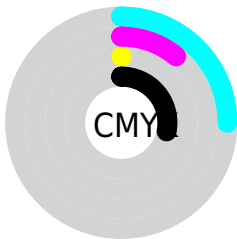
Blue (72%)



Red (54%)

Yellow (60%)

Blue (72%)

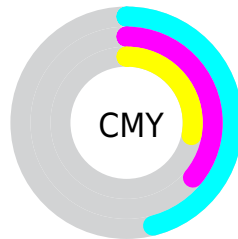


Cyan (25%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (46%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1257, 35.0166, 49.8654 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 32.1257, 35.0166, 49.8654 by changing the saturation by 10% instead.

■ 32.1257, 35.0166,
49.8654

■ 32.1257, 35.0166,
49.8654

303.4266,
324.6416, 402.8593

■ 21.6135, 23.6757,
34.9360

■ 62.3720, 67.5115,
91.3697

■ 13.6882, 15.0932,
23.3304

■ 82.8368, 89.4342,
118.7816

■ 7.9844, 8.8848,
14.6301

■ 107.3498,
115.6530, 151.1916

■ 4.1367, 4.6661,
8.4165

136.2765,
146.5522, 189.0180

■ 1.7797, 2.0527,
4.2710

169.9822,
182.5163, 232.6794

■ 0.5054, 0.6378,
1.7752

208.8322,

■ 0.0000, 0.0000,

223.9297, 282.5944

0.4115

253.1919,
271.1766, 339.1815

■ 0.0000, 0.0000,
0.0000

■ 32.1257, 35.0166,
49.8654

■ 32.1257, 35.0166,
49.8654

■ 27.9517, 30.7905,
49.2702

■ 36.9049, 39.6943,
50.5170

■ 24.3524, 26.9950,
48.7274

■ 42.3115, 44.8350,
51.2243

■ 21.2992, 23.6138,
48.2356

■ 48.3704, 50.4548,
51.9897

■ 18.7599, 20.6274,
47.7930

■ 55.1044, 56.5677,
52.8147

■ 16.6982, 18.0143,
47.3973

■ 62.5348, 63.1872,
53.7007

■ 15.0725, 15.7502,
47.0460

■ 70.6822, 70.3260,
54.6492

■ 13.8331, 13.8064,
46.7361

■ 75.3627, 75.8296,
55.4648

■ 13.2668, 12.8579,
46.5829

■ 77.5485, 80.2012,
56.1935

■ 79.8396, 84.7834,
56.9571

Harmonies

Analogous

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



30.4823, 35.0166, 46.2379



32.1257, 35.0166, 49.8654



34.1451, 35.0166, 50.1547

Triad

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



32.1257, 35.0166, 49.8654



37.2526, 35.0166, 35.7290



30.7000, 35.0166, 30.4537

Complementary

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



32.1257, 35.0166, 49.8654



36.3431, 36.3561, 29.1476

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.



32.4340, 35.0166, 28.1948



32.1257, 35.0166, 49.8654



36.2486, 35.0166, 31.0251

Square

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



32.1257, 35.0166, 49.8654



37.1618, 35.0166, 41.5776



34.4662, 35.0166, 28.3927



29.6825, 35.0166, 34.8730

Rectangle

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



32.1257, 35.0166, 49.8654



35.4384, 35.0166, 48.3775



34.4662, 35.0166, 28.3927



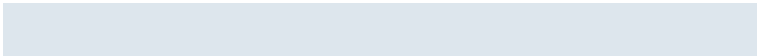
31.2153, 35.0166, 29.4377

Sweetspot

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



32.1268, 35.0180, 49.8662



73.2234, 77.8919, 91.4111



33.5441, 41.7224, 38.4086



16.0422, 17.0805, 20.1730



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.1268, 35.0180, 49.8662



52.9939, 58.1488, 88.6665



28.5542, 27.8728, 48.6753



8.9237, 9.5246, 11.4475



9.3244, 9.1084, 32.5197



0.3894, 0.4425, 1.1666

Inverse Universe

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



35.2287, 30.8895, 38.7575



59.6962, 49.7382, 64.5495



40.4378, 44.5454, 30.5125



9.2078, 9.0935, 10.4418



15.3202, 7.7018, 9.5729



0.5707, 0.2838, 0.4988

Previews

White Background



This preview shows how the XYZ color 32.1257, 35.0166, 49.8654 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 32.1257, 35.0166, 49.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

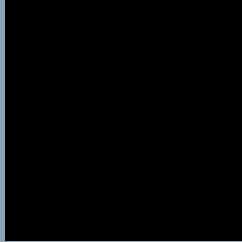
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

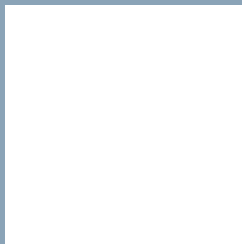
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1257, 35.0166, 49.8654

Background



This preview shows how black text looks on a background with the XYZ color 32.1257, 35.0166, 49.8654.



This preview shows how white text looks on a background with the XYZ color 32.1257, 35.0166,

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

32.1257, 35.0166, 49.8654

Protanopia

34.1754, 34.8169, 48.0991

Deuteranopia

35.7497, 35.0662, 50.7832



Tritanopia

31.5278, 35.0436, 46.6974

Trichromacy



Original Color

32.1257, 35.0166, 49.8654

Protanomaly

33.3057, 34.8674, 48.6907

Deuteranomaly

34.3763, 35.1270, 50.3158

Tritanomaly

31.7287, 35.1240, 47.7551

Monochromacy



Original Color

32.1257, 35.0166, 49.8654

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3084, 34.5109, 41.5177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1257, 35.0166, 49.8654 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(138, 163, 183)` looks like.

```
.text, #text, p{  
    color:rgb(138, 163, 183)  
}
```

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(138, 163, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 163, 183) }
```

Border

The CSS property to change the border of an element to XYZ 32.1257, 35.0166, 49.8654 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(138, 163, 183) }
```


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

```
.border{ border-color:rgb(138, 163, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 163, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 163, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 163, 183);  
box-shadow:4px 4px 4px 4px rgb(138, 163,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1257, 35.0166, 49.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 163, 183) }
```

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

```
.background{ background-color: rgb(138,  
163, 183) }
```

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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