

Converting Colors

XYZ(34.1972, 39.7979, 54.3761)

Have a look what the booklet for
XYZ(34.1972, 39.7979, 54.3761)
contains.

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Color

**XYZ(34.3765, 39.9873,
54.6217)**

Conversions

Conversions Part 1

Format	Color
Hex	83B1BE
RGB	131, 177, 190
RGB Percent	51%, 69%, 75%
CMY	0.4863, 0.3059, 0.2549
CMYK	0.31, 0.07, 0.00, 0.25
HSL	193°, 31%, 63%
HSV	193°, 31%, 75%
XYZ	34.3765, 39.9873, 54.6217
YIQ	164.7280, -31.5890, -5.7090

Conversions

Conversions Part 2

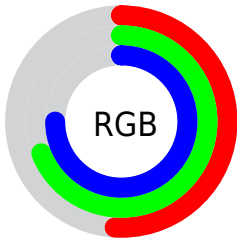
Format	Color
RYB	131, 157, 190
Decimal	8630718
CIELab	69.46, -12.12, -11.57
CIELCh	69, 16.757, 223.662
Yxy	39.9873, 0.2665, 0.3100
Android (android.graphics.Color)	4286820798 (0xFF83B1BE)
YUV	164.7280, 12.4591, -29.5795
Hunter-Lab	63.2355, -13.6248, -6.9488

Details

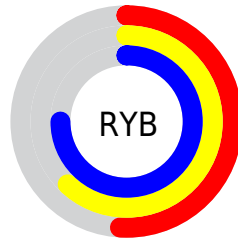
The XYZ color **34.3765, 39.9873, 54.6217** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.3058, 32.5328, 25.8924**, and the grayscale version is **35.5880, 37.4413, 40.7736**.

A 20% lighter version of the original color is **66.0232, 75.3708, 98.2570**, and **14.9475, 17.8837, 26.3310** is the 20% darker color. If you saturate the color by 10%, you get **30.8854, 36.9799, 54.2259**, and if you desaturate by 10%, it is **38.4350, 43.3268, 55.0531**.

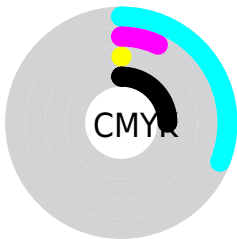
Distribution



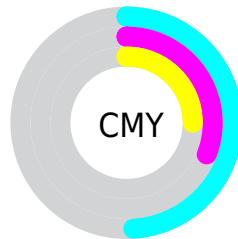
- Red (51%)
- Green (69%)
- Blue (75%)



- Red (51%)
- Yellow (62%)
- Blue (75%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3765, 39.9873, 54.6217 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 34.3765, 39.9873, 54.6217 by changing the saturation by 10% instead.

■ 34.3765, 39.9873,
54.6217

■ 34.3765, 39.9873,
54.6217

313.3641,
346.0700, 421.7178

■ 23.3472, 27.5286,
38.7024

■ 65.8591, 75.1442,
98.4521

■ 14.9722, 17.9706,
26.2222

■ 87.0432, 98.6112,
127.2002

■ 8.8861, 10.9289,
16.7627

■ 112.3430,
126.5164, 161.0616

■ 4.7235, 6.0191,
9.9053

142.1238,
159.2443, 200.4549

■ 2.1190, 2.8567,
5.2314

176.7509,
197.1792, 245.7987

■ 0.6995, 1.0574,
2.3226

216.5897,

■ 0.0000, 0.0000,

240.7055, 297.5113

0.7438

262.0057,
290.2077, 356.0115

■ 0.0000, 0.0000,
0.0000

■ 34.3765, 39.9873,
54.6217

■ 34.3765, 39.9873,
54.6217

■ 30.8854, 36.9799,
54.2259

■ 38.4350, 43.3268,
55.0531

■ 27.9284, 34.2841,
53.8614

■ 43.0848, 47.0082,
55.5186

■ 25.4740, 31.8845,
53.5276

■ 48.3527, 51.0466,
56.0204

■ 23.4860, 29.7619,
53.2227

■ 54.2629, 55.4546,
56.5597

■ 21.9229, 27.8946,
52.9446

■ 60.8382, 60.2445,
57.1377

■ 20.7357, 26.2571,
52.6911

■ 68.1002, 65.4276,
57.7554

■ 19.9067, 24.9423,
52.4810

■ 72.6791, 69.2671,
58.2552

■ 73.7023, 71.3135,
58.5962

■ 74.7525, 73.4139,
58.9463

Harmonies

Analogous

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



33.1861, 39.9873, 47.1431



34.3765, 39.9873, 54.6217



36.5662, 39.9873, 59.4069

Triad

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



34.3765, 39.9873, 54.6217



43.2047, 39.9873, 47.8532



36.7947, 39.9873, 30.6411

Complementary

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



34.3765, 39.9873, 54.6217



35.3058, 32.5328, 25.8924

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.



39.4846, 39.9873, 30.7834



34.3765, 39.9873, 54.6217



43.2730, 39.9873, 40.1241

Square

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



34.3765, 39.9873, 54.6217



41.7015, 39.9873, 55.1943



41.8839, 39.9873, 34.0676



34.5369, 39.9873, 33.6528

Rectangle

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



34.3765, 39.9873, 54.6217



38.3390, 39.9873, 60.1103



41.8839, 39.9873, 34.0676



37.6764, 39.9873, 30.3336

Sweetspot

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



34.3777, 39.9889, 54.6226



79.8064, 86.5287, 100.7746



32.7919, 43.6600, 32.9987



17.2299, 18.7722, 22.1006



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.3777, 39.9889, 54.6226



58.0405, 68.8289, 98.5054



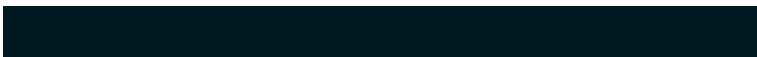
29.2008, 29.6350, 52.8970



9.6254, 10.4432, 12.1806



13.2966, 16.7049, 34.9165



0.5658, 0.7443, 1.3827

Inverse Universe

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



37.2883, 30.3551, 45.4906



64.2324, 49.1143, 78.9034



40.3307, 42.5826, 27.5673



9.8375, 9.6593, 11.5335



17.7123, 8.7161, 19.5762



0.7165, 0.3505, 0.8863

Previews

White Background



This preview shows how the XYZ color 34.3765, 39.9873, 54.6217 looks on a white background.

Color Contrast Check

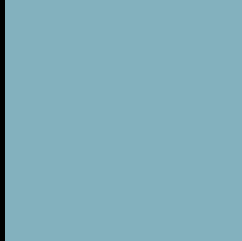
Large Text (above 18pt) WCAG AA × Fail

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 34.3765, 39.9873, 54.6217 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 34.3765, 39.9873, 54.6217

Background



This preview shows how black text looks on a background with the XYZ color 34.3765, 39.9873, 54.6217.



This preview shows how white text looks on a background with the XYZ color 34.3765, 39.9873,

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

34.3765, 39.9873, 54.6217

Protanopia

38.8028, 39.7908, 50.9827

Deuteranopia

40.5363, 39.7592, 55.9899



Tritanopia

34.4862, 40.0312, 55.1994

Trichromacy



Original Color

34.3765, 39.9873, 54.6217

Protanomaly

36.9434, 39.6396, 52.1584

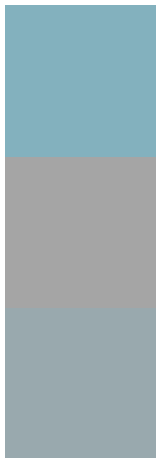
Deuteranomaly

37.8029, 39.4508, 55.4915

Tritanomaly

34.4862, 40.0312, 55.1994

Monochromacy



Original Color

34.3765, 39.9873, 54.6217

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.9648, 38.2042, 45.5757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3765, 39.9873, 54.6217 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(131, 177, 190)` looks like.

```
.text, #text, p{  
    color:rgb(131, 177, 190)  
}
```

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(131, 177, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 177, 190) }
```

Border

The CSS property to change the border of an element to XYZ 34.3765, 39.9873, 54.6217 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(131, 177, 190) }
```


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

```
.border{ border-color:rgb(131, 177, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 177, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 177, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 177, 190);  
box-shadow:4px 4px 4px 4px rgb(131, 177,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3765, 39.9873, 54.6217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 177, 190) }
```

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

```
.background{ background-color: rgb(131,  
177, 190) }
```

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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