

Converting Colors

XYZ(32.2612, 38.1486, 49.3817)

Have a look what the booklet for
XYZ(32.2612, 38.1486, 49.3817)
contains.

XYZ(32.2289, 38.1203, 49.3754)	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(32.2289, 38.1203,
49.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAEB5
RGB	127, 174, 181
RGB Percent	50%, 68%, 71%
CMY	0.5020, 0.3176, 0.2902
CMYK	0.30, 0.04, 0.00, 0.29
HSL	188°, 27%, 60%
HSV	188°, 30%, 71%
XYZ	32.2289, 38.1203, 49.3754
YIQ	160.7450, -30.2590, -7.7870

Conversions

Conversions Part 2

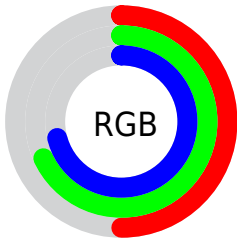
Format	Color
RYB	127, 152, 181
Decimal	8367797
CIELab	68.11, -13.88, -8.64
CIELCh	68, 16.346, 211.905
Yxy	38.1203, 0.2692, 0.3184
Android (android.graphics.Color)	4286557877 (0xFF7FAEB5)
YUV	160.7450, 9.9857, -29.5944
Hunter-Lab	61.7416, -14.8715, -4.1957

Details

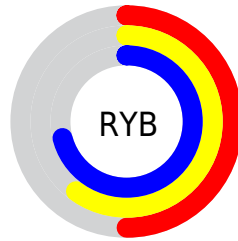
The XYZ color **32.2289, 38.1203, 49.3754** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.4124, 28.4065, 23.9068**, and the grayscale version is **33.7240, 35.4803, 38.6380**.

A 20% lighter version of the original color is **62.6389, 72.5318, 90.8194**, and **13.7575, 16.9734, 22.9732** is the 20% darker color. If you saturate the color by 10%, you get **29.3227, 35.9561, 49.1115**, and if you desaturate by 10%, it is **35.6296, 40.5530, 49.6664**.

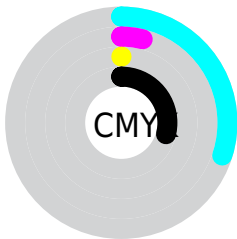
Distribution



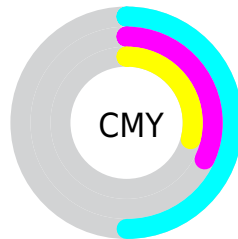
- Red (50%)
- Green (68%)
- Blue (71%)



- Red (50%)
- Yellow (60%)
- Blue (71%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (50%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2289, 38.1203, 49.3754 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 32.2289, 38.1203, 49.3754 by changing the saturation by 10% instead.

■ 32.2289, 38.1203,
49.3754

■ 32.2289, 38.1203,
49.3754

303.8874,
338.1357, 400.8832

■ 21.6928, 26.0761,
34.5497

■ 62.5325, 72.2925,
90.6355

■ 13.7467, 16.8806,
23.0354

■ 83.0308, 95.1892,
117.9069

■ 8.0252, 10.1494,
14.4141

■ 107.5804,
122.4723, 150.1640

■ 4.1630, 5.4981,
8.2672

136.5469,
154.5260, 187.8253

■ 1.7948, 2.5424,
4.1762

170.2954,
191.7348, 231.3093

■ 0.5145, 0.8978,
1.7225

209.1915,

■ 0.0000, 0.0000,

234.4831, 281.0346

0.3761

253.6004,
283.1553, 337.4197

■ 0.0000, 0.0000,
0.0000

■ 32.2289, 38.1203,
49.3754

■ 32.2289, 38.1203,
49.3754

■ 29.3227, 35.9561,
49.1115

■ 35.6296, 40.5530,
49.6664

■ 26.8816, 34.0425,
48.8708

■ 39.5453, 43.2621,
49.9829

■ 24.8783, 32.3662,
48.6528

■ 43.9998, 46.2608,
50.3269

■ 23.2812, 30.9109,
48.4561

■ 49.0140, 49.5599,
50.6994

■ 22.0546, 29.6581,
48.2789

■ 54.6080, 53.1700,
51.1014

■ 21.1562, 28.5859,
48.1193

■ 60.8007, 57.1007,
51.5337

■ 20.5004, 27.6501,
47.9733

■ 67.6103, 61.3615,
51.9972

■ 20.4899, 27.6349,
47.9709

■ 68.5995, 62.6339,
52.1907

■ 69.1213, 63.6777,
52.3647

Harmonies

Analogous

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



31.5514, 38.1203, 41.9749



32.2289, 38.1203, 49.3754



33.9729, 38.1203, 55.1606

Triad

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



32.2289, 38.1203, 49.3754



40.7299, 38.1203, 48.4736



36.0695, 38.1203, 28.9994

Complementary

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



32.2289, 38.1203, 49.3754



31.4124, 28.4065, 23.9068

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.



38.5896, 38.1203, 30.3149



32.2289, 38.1203, 49.3754



41.3545, 38.1203, 41.0417

Square

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



32.2289, 38.1203, 49.3754



38.8846, 38.1203, 54.5985



40.5540, 38.1203, 34.5215



33.7032, 38.1203, 30.6949

Rectangle

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



32.2289, 38.1203, 49.3754



35.5465, 38.1203, 57.0110



40.5540, 38.1203, 34.5215



36.9267, 38.1203, 29.1036

Sweetspot

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



32.2300, 38.1218, 49.3763



71.3377, 77.8305, 89.5575



29.5314, 39.2623, 28.3218



15.1863, 16.6634, 19.3382



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.2300, 38.1218, 49.3763



54.1049, 65.5988, 88.1048



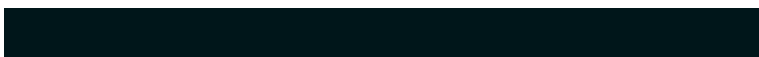
27.6365, 28.9348, 47.8451



8.6469, 9.4399, 10.8727



14.1609, 19.1222, 33.0816



0.4716, 0.6537, 1.0496

Inverse Universe

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



34.2863, 28.0593, 43.6550



58.4662, 44.8160, 75.8448



35.5104, 36.6026, 25.2728



8.8017, 8.6274, 10.4542



17.3824, 8.4705, 22.9715



0.5601, 0.2718, 0.7919

Previews

White Background



This preview shows how the XYZ color 32.2289, 38.1203, 49.3754 looks on a white background.

Color Contrast Check

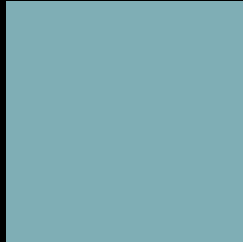
Large Text (above 18pt) WCAG AA × Fail

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 32.2289, 38.1203, 49.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

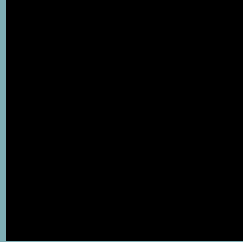
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2289, 38.1203, 49.3754

Background



This preview shows how black text looks on a background with the XYZ color 32.2289, 38.1203, 49.3754.



This preview shows how white text looks on a background with the XYZ color 32.2289, 38.1203,

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

32.2289, 38.1203, 49.3754

Protanopia

36.7392, 37.7531, 45.9081

Deuteranopia

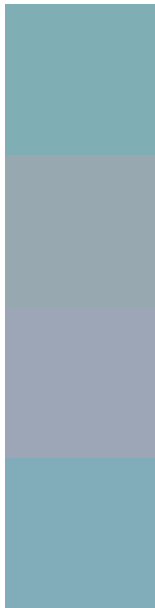
38.6302, 37.8347, 50.6142



Tritanopia

32.8153, 38.0642, 52.6313

Trichromacy



Original Color

32.2289, 38.1203, 49.3754

Protanomaly

34.8873, 37.8550, 47.0630

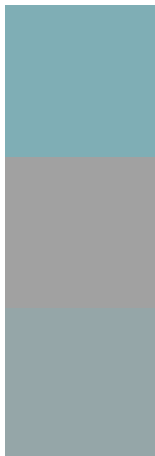
Deuteranomaly

35.8938, 37.7593, 50.1962

Tritanomaly

32.6026, 37.9791, 51.5113

Monochromacy



Original Color

32.2289, 38.1203, 49.3754

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.0985, 36.4892, 42.3444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2289, 38.1203, 49.3754 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(127, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(127, 174, 181)  
}
```

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(127, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 174, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.2289, 38.1203, 49.3754 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(127, 174, 181) }
```


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

```
.border{ border-color:rgb(127, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(127, 174,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2289, 38.1203, 49.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 174, 181) }
```

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

```
.background{ background-color: rgb(127,  
174, 181) }
```

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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