

Converting Colors

XYZ(32.7833, 38.4131, 51.8981)

Have a look what the booklet for
XYZ(32.7833, 38.4131, 51.8981)
contains.

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Color

**XYZ(32.7514, 38.3293,
52.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAEBA
RGB	127, 174, 186
RGB Percent	50%, 68%, 73%
CMY	0.5019, 0.3176, 0.2706
CMYK	0.32, 0.06, 0.00, 0.27
HSL	192°, 30%, 61%
HSV	192°, 32%, 73%
XYZ	32.7514, 38.3293, 52.1265
YIQ	161.3150, -31.8640, -6.2320

Conversions

Conversions Part 2

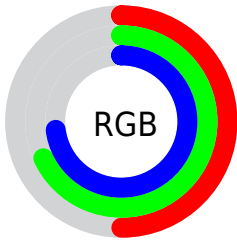
Format	Color
RYB	127, 153, 186
Decimal	8367802
CIELab	68.26, -12.66, -11.18
CIElCh	68, 16.891, 221.431
Yxy	38.3293, 0.2658, 0.3111
Android (android.graphics.Color)	4286557882 (0xFF7FAEBA)
YUV	161.3150, 12.1697, -30.0943
Hunter-Lab	61.9107, -13.9153, -6.5825

Details

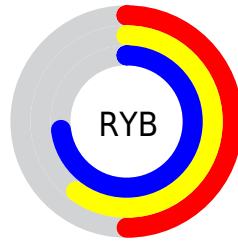
The XYZ color **32.7514, 38.3293, 52.1265** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.3137, 30.4371, 24.1988**, and the grayscale version is **33.9795, 35.7490, 38.9307**.

A 20% lighter version of the original color is **63.3799, 72.8282, 94.7212**, and **14.0948, 17.1084, 24.7497** is the 20% darker color. If you saturate the color by 10%, you get **29.5126, 35.5910, 51.7693**, and if you desaturate by 10%, it is **36.5245, 41.3755, 52.5163**.

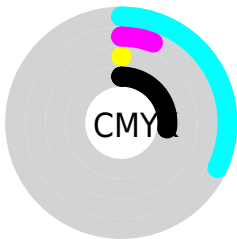
Distribution



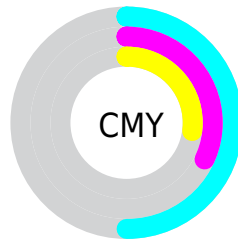
- Red (50%)
- Green (68%)
- Blue (73%)



- Red (50%)
- Yellow (60%)
- Blue (73%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7514, 38.3293, 52.1265 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 32.7514, 38.3293, 52.1265 by changing the saturation by 10% instead.

■ 32.7514, 38.3293,
52.1265

■ 32.7514, 38.3293,
52.1265

306.2129,
339.0305, 411.8956

■ 22.0944, 26.2384,
36.7230

■ 63.3445, 72.6126,
94.7463

■ 14.0433, 17.0021,
24.6990

■ 84.0113, 95.5737,
122.7996

■ 8.2327, 10.2360,
15.6359

■ 108.7454,
122.9271, 155.9066

■ 4.2972, 5.5557,
9.1154

137.9121,
155.0570, 194.4858

■ 1.8716, 2.5768,
4.7187

171.8769,
192.3479, 238.9557

■ 0.5603, 0.9150,
2.0273

211.0050,

■ 0.0000, 0.0000,

235.1842, 289.7350

0.5720

255.6619,
283.9503, 347.2421

■ 0.0000, 0.0000,
0.0000

■ 32.7514, 38.3293,
52.1265

■ 32.7514, 38.3293,
52.1265

■ 29.5126, 35.5910,
51.7693

■ 36.5245, 41.3755,
52.5163

■ 26.7763, 33.1410,
51.4406

■ 40.8545, 44.7387,
52.9372

■ 24.5126, 30.9647,
51.1399

■ 45.7672, 48.4333,
53.3914

■ 22.6868, 29.0440,
50.8654

■ 51.2853, 52.4713,
53.8800

■ 21.2592, 27.3582,
50.6152

■ 57.4307, 56.8642,
54.4040

■ 20.1829, 25.8827,
50.3871

■ 64.2238, 61.6227,
54.9645

■ 19.4806, 24.7802,
50.2114

■ 70.8689, 66.3369,
55.5241

■ 71.7586, 68.1163,
55.8207

■ 72.6702, 69.9394,
56.1246

Harmonies

Analogous

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



31.6726, 38.3293, 44.6860



32.7514, 38.3293, 52.1265



34.8361, 38.3293, 57.1095

Triad

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



32.7514, 38.3293, 52.1265



41.4645, 38.3293, 46.5433



35.4328, 38.3293, 29.0305

Complementary

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



32.7514, 38.3293, 52.1265



33.3137, 30.4371, 24.1988

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.



38.0735, 38.3293, 29.4003



32.7514, 38.3293, 52.1265



41.6433, 38.3293, 38.9151

Square

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



32.7514, 38.3293, 52.1265



39.8988, 38.3293, 53.6269



40.3760, 38.3293, 32.8238



33.1700, 38.3293, 31.7440

Rectangle

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



32.7514, 38.3293, 52.1265



36.5579, 38.3293, 58.0430



40.3760, 38.3293, 32.8238



36.3041, 38.3293, 28.8079

Sweetspot

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



32.7526, 38.3308, 52.1274



75.3635, 82.0910, 96.0745



30.9578, 41.4889, 30.7270



16.3332, 17.8774, 21.1324



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.7526, 38.3308, 52.1274



55.2076, 65.9872, 94.0285



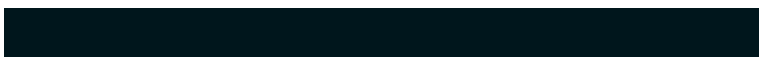
27.6959, 28.2174, 50.4418



9.1074, 9.8920, 11.5088



13.1600, 16.7796, 33.7983



0.5038, 0.6712, 1.2048

Inverse Universe

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



35.4800, 28.6749, 43.7109



61.0321, 46.1528, 75.8786



38.1393, 40.0884, 25.8073



9.3006, 9.1306, 10.9301



17.2562, 8.4762, 19.7679



0.6284, 0.3069, 0.8028

Previews

White Background



This preview shows how the XYZ color 32.7514, 38.3293, 52.1265 looks on a white background.

Color Contrast Check

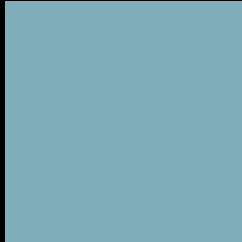
Large Text (above 18pt) WCAG AA × Fail

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 32.7514, 38.3293, 52.1265 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

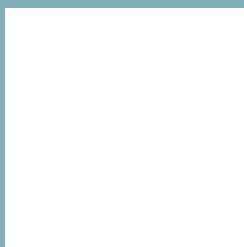
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7514, 38.3293, 52.1265

Background



This preview shows how black text looks on a background with the XYZ color 32.7514, 38.3293, 52.1265.

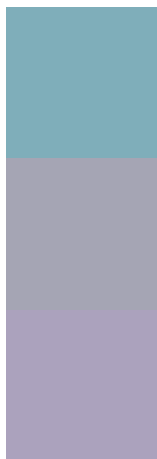


This preview shows how white text looks on a background with the XYZ color 32.7514, 38.3293,

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

32.7514, 38.3293, 52.1265

Protanopia

37.2104, 38.2049, 48.5931

Deuteranopia

38.9002, 38.1727, 53.4619



Tritanopia

32.9655, 38.4150, 53.2543

Trichromacy



Original Color

32.7514, 38.3293, 52.1265

Protanomaly

35.2086, 37.9620, 49.7277

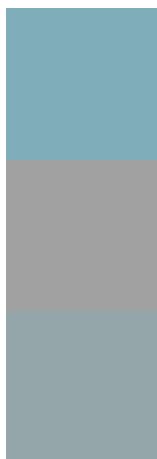
Deuteranomaly

36.2309, 37.8718, 52.9774

Tritanomaly

32.8581, 38.3720, 52.6884

Monochromacy



Original Color

32.7514, 38.3293, 52.1265

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2863, 36.5643, 43.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7514, 38.3293, 52.1265 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(127, 174, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 174, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.7514, 38.3293, 52.1265 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, 186) }
```


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

```
.border{ border-color:rgb(127, 174, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(127, 174,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7514, 38.3293, 52.1265 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, 186) }
```

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

```
.background{ background-color: rgb(127,  
174, 186) }
```

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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