

Converting Colors

XYZ(32.1242, 38.4055, 52.6025)

Have a look what the booklet for
XYZ(32.1242, 38.4055, 52.6025)
contains.

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Color

**XYZ(32.0453, 38.2409,
52.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	78AFBB
RGB	120, 175, 187
RGB Percent	47%, 69%, 73%
CMY	0.5294, 0.3137, 0.2667
CMYK	0.36, 0.06, 0.00, 0.27
HSL	191°, 33%, 60%
HSV	191°, 36%, 73%
XYZ	32.0453, 38.2409, 52.7060
YIQ	159.9230, -36.6320, -7.9280

Conversions

Conversions Part 2

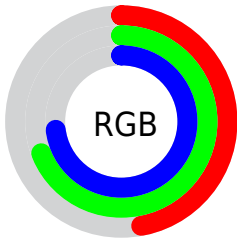
Format	Color
R _Y B	120, 150, 187
Decimal	7909307
CIE Lab	68.20, -14.92, -11.87
CIE LCh	68, 19.065, 218.493
Yxy	38.2409, 0.2605, 0.3109
Android (android.graphics.Color)	4286099387 (0xFF78AFBB)
YUV	159.9230, 13.3490, -35.0125
Hunter-Lab	61.8392, -15.7193, -7.2458

Details

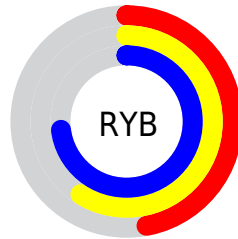
The XYZ color **32.0453, 38.2409, 52.7060** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.1354, 28.4237, 21.5626**, and the grayscale version is **33.3316, 35.0674, 38.1884**.

A 20% lighter version of the original color is **62.4328, 72.7369, 95.5431**, and **13.5773, 16.8336, 25.0879** is the 20% darker color. If you saturate the color by 10%, you get **29.0574, 35.7458, 52.3825**, and if you desaturate by 10%, it is **35.5582, 41.0324, 53.0603**.

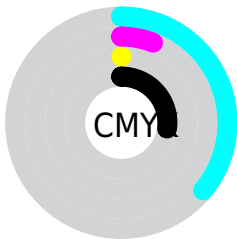
Distribution



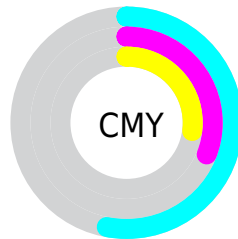
- Red (47%)
- Green (69%)
- Blue (73%)



- Red (47%)
- Yellow (59%)
- Blue (73%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0453, 38.2409, 52.7060 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 32.0453, 38.2409, 52.7060 by changing the saturation by 10% instead.

■ 32.0453, 38.2409,
52.7060

■ 32.0453, 38.2409,
52.7060

303.0672,
338.6522, 414.1904

■ 21.5518, 26.1697,
37.1820

■ 62.2468, 72.4772,
95.6088

■ 13.6427, 16.9506,
25.0516

■ 82.6856, 95.4111,
123.8246

■ 7.9526, 10.1993,
15.8961

■ 107.1701,
122.7348, 157.1082

■ 4.1162, 5.5313,
9.2971

136.0658,
154.8325, 195.8780

■ 1.7681, 2.5622,
4.8360

169.7380,
192.0887, 240.5526

■ 0.4983, 0.9077,
2.0943

208.5520,

■ 0.0000, 0.0000,

234.8878, 291.5505

0.6124

252.8733,
283.6142, 349.2902

■ 0.0000, 0.0000,
0.0000

■ 32.0453, 38.2409,
52.7060

■ 32.0453, 38.2409,
52.7060

■ 29.0574, 35.7458,
52.3825

■ 35.5582, 41.0324,
53.0603

■ 26.5612, 33.5272,
52.0859

■ 39.6198, 44.1301,
53.4442

■ 24.5252, 31.5694,
51.8153

■ 44.2568, 47.5487,
53.8596

■ 22.9123, 29.8533,
51.5691

■ 49.4930, 51.3006,
54.3078

■ 21.6799, 28.3566,
51.3451

■ 55.3506, 55.3977,
54.7899

■ 20.7740, 27.0513,
51.1409

■ 61.8510, 59.8509,
55.3069

■ 20.4453, 26.5390,
51.0593

■ 69.0144, 64.6708,
55.8597

■ 71.2818, 66.9920,
56.1882

■ 72.0751, 68.5785,
56.4526

Harmonies

Analogous

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



30.9707, 38.2409, 44.1079



32.0453, 38.2409, 52.7060



34.2870, 38.2409, 58.8415

Triad

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



32.0453, 38.2409, 52.7060



41.9409, 38.2409, 47.9464



35.5074, 38.2409, 27.4290

Complementary

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



32.0453, 38.2409, 52.7060



32.1354, 28.4237, 21.5626

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.



38.4876, 38.2409, 28.1640



32.0453, 38.2409, 52.7060



42.3116, 38.2409, 39.2617

Square

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



32.0453, 38.2409, 52.7060



40.0300, 38.2409, 55.8428



41.0170, 38.2409, 32.2390



32.8968, 38.2409, 30.0725

Rectangle

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



32.0453, 38.2409, 52.7060



36.1964, 38.2409, 60.2844



41.0170, 38.2409, 32.2390



36.4977, 38.2409, 27.2973

Sweetspot

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



32.0465, 38.2424, 52.7069



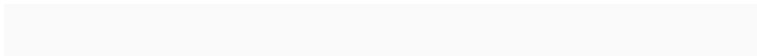
74.6890, 81.8099, 96.0558



29.6248, 41.1777, 27.9195



16.2023, 17.8343, 21.1310



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.



32.0465, 38.2424, 52.7069



53.1067, 64.9306, 93.9352



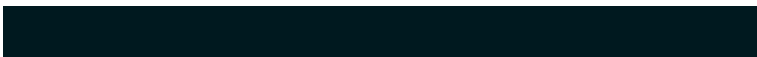
26.4388, 27.0271, 50.8377



9.6593, 10.5110, 12.1919



14.1347, 18.3810, 35.1958



0.5923, 0.7972, 1.3915

Inverse Universe

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



34.9488, 27.0937, 43.9468



59.2040, 42.4821, 75.3137



37.2795, 38.7118, 23.2773



9.8547, 9.6662, 11.6236



18.1353, 8.8853, 21.8038



0.7299, 0.3558, 0.9567

Previews

White Background



This preview shows how the XYZ color 32.0453, 38.2409, 52.7060 looks on a white background.

Color Contrast Check

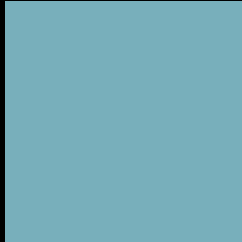
Large Text (above 18pt) WCAG AA × Fail

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 32.0453, 38.2409, 52.7060 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 32.0453, 38.2409, 52.7060

Background



This preview shows how black text looks on a background with the XYZ color 32.0453, 38.2409, 52.7060.



This preview shows how white text looks on a background with the XYZ color 32.0453, 38.2409,

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

32.0453, 38.2409, 52.7060

Protanopia

37.0032, 38.0981, 48.5834

Deuteranopia

38.6167, 37.7535, 53.9670



Tritanopia

32.2610, 38.3271, 53.8417

Trichromacy



Original Color

32.0453, 38.2409, 52.7060

Protanomaly

34.9480, 38.0907, 50.3100

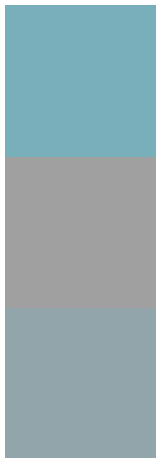
Deuteranomaly

35.7704, 37.6220, 53.5206

Tritanomaly

32.1528, 38.2839, 53.2718

Monochromacy



Original Color

32.0453, 38.2409, 52.7060

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.3879, 35.8323, 43.2395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0453, 38.2409, 52.7060 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(120, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(120, 175, 187)  
}
```

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(120, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 175, 187) }
```

Border

The CSS property to change the border of an element to XYZ 32.0453, 38.2409, 52.7060 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(120, 175, 187) }
```


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

```
.border{ border-color:rgb(120, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(120, 175,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0453, 38.2409, 52.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 175, 187) }
```

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

```
.background{ background-color: rgb(120,  
175, 187) }
```

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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