

Converting Colors

XYZ(28.3964, 32.1646, 53.8439)

Have a look what the booklet for
XYZ(28.3964, 32.1646, 53.8439)
contains.

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Color

**XYZ(28.4052, 32.2182,
54.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA0BF
RGB	110, 160, 191
RGB Percent	43%, 63%, 75%
CMY	0.5686, 0.3725, 0.2510
CMYK	0.42, 0.16, 0.00, 0.25
HSL	203°, 39%, 59%
HSV	203°, 42%, 75%
XYZ	28.4052, 32.2182, 54.0118
YIQ	148.5840, -39.7510, -0.9590

Conversions

Conversions Part 2

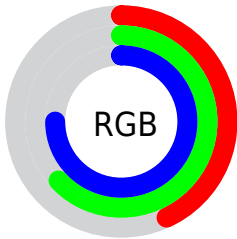
Format	Color
RYB	110, 141, 191
Decimal	7250111
CIELab	63.52, -8.48, -21.21
CIElCh	64, 22.846, 248.209
Yxy	32.2182, 0.2478, 0.2810
Android (android.graphics.Color)	4285440191 (0xFF6EA0BF)
YUV	148.5840, 20.9111, -33.8382
Hunter-Lab	56.7611, -10.0043, -16.6855

Details

The XYZ color **28.4052, 32.2182, 54.0118** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.8259, 31.2527, 19.0025**, and the grayscale version is **28.3204, 29.7953, 32.4470**.

A 20% lighter version of the original color is **56.6060, 63.3156, 97.2334**, and **11.6149, 13.5842, 25.6767** is the 20% darker color. If you saturate the color by 10%, you get **25.0500, 28.6630, 53.5030**, and if you desaturate by 10%, it is **32.3492, 36.1890, 54.5709**.

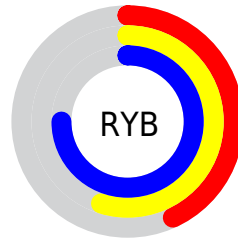
Distribution



Red (43%)

Green (63%)

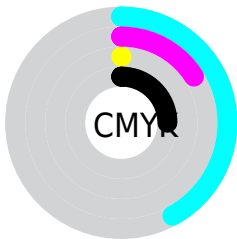
Blue (75%)



Red (43%)

Yellow (55%)

Blue (75%)

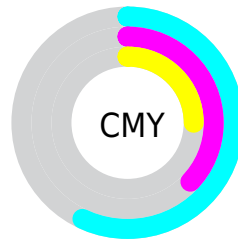


Cyan (42%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (57%)

Magenta (37%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4052, 32.2182, 54.0118 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 28.4052, 32.2182, 54.0118 by changing the saturation by 10% instead.

■ 28.4052, 32.2182,
54.0118

■ 28.4052, 32.2182,
54.0118

286.4432,
312.1120, 419.3309

■ 18.7733, 21.5282,
38.2179

■ 56.5348, 63.1530,
97.5481

■ 11.6096, 13.5107,
25.8487

■ 75.7633, 84.1666,
126.1276

■ 6.5488, 7.7811,
16.4857

■ 98.9214, 109.3902,
159.8060

■ 3.2253, 3.9552,
9.7104

■ 126.3745,
139.2082, 199.0019

■ 1.2740, 1.6485,
5.1043

158.4878,
174.0050, 244.1338

■ 0.1636, 0.3900,
2.2488

195.6268,

■ 0.0000, 0.0000,

214.1650, 295.6202

0.7023

238.1568,
260.0725, 353.8798

■ 0.0000, 0.0000,
0.0000

■ 28.4052, 32.2182,
54.0118

■ 28.4052, 32.2182,
54.0118

■ 25.0500, 28.6630,
53.5030

■ 32.3492, 36.1890,
54.5709

■ 22.2460, 25.4999,
53.0402

■ 36.9103, 40.5897,
55.1800

■ 19.9558, 22.7086,
52.6222

■ 42.1188, 45.4383,
55.8413

■ 18.1354, 20.2642,
52.2463

■ 48.0017, 50.7507,
56.5567

■ 16.7325, 18.1379,
51.9098

■ 54.5848, 56.5417,
57.3275

■ 15.8711, 16.6958,
51.6769

■ 61.8921, 62.8254,
58.1552

■ 69.9466, 69.6154,
59.0413

■ 75.8403, 75.4141,
59.8499

■ 77.7835, 79.3004,
60.4976

Harmonies

Analogous

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



26.0588, 32.2182, 47.0826



28.4052, 32.2182, 54.0118



31.5050, 32.2182, 55.4557

Triad

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



28.4052, 32.2182, 54.0118



37.0912, 32.2182, 32.6356



26.9892, 32.2182, 23.0266

Complementary

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



28.4052, 32.2182, 54.0118



33.8259, 31.2527, 19.0025

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.



29.7565, 32.2182, 20.4291



28.4052, 32.2182, 54.0118



35.6900, 32.2182, 25.3133

Square

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



28.4052, 32.2182, 54.0118



36.6669, 32.2182, 42.0008



32.9521, 32.2182, 21.1869



25.2816, 32.2182, 28.9648

Rectangle

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



28.4052, 32.2182, 54.0118



33.6088, 32.2182, 52.9132



32.9521, 32.2182, 21.1869



27.8185, 32.2182, 21.7852

Sweetspot

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



28.4062, 32.2194, 54.0126



74.6450, 80.6553, 99.9130



29.7736, 42.4619, 31.3229



15.9154, 17.2725, 21.8804



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.



28.4062, 32.2194, 54.0126



45.1960, 51.6966, 95.8755



22.6485, 20.7039, 52.0933



9.4936, 10.1794, 12.1367



10.5100, 11.1316, 33.9876



0.4731, 0.5588, 1.3518

Inverse Universe

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



33.4078, 24.7673, 36.2788



55.6604, 37.6885, 58.4177



40.6627, 44.9262, 21.2814



9.7710, 9.6327, 11.1829



16.3057, 8.1534, 12.1694



0.6697, 0.3318, 0.6399

Previews

White Background



This preview shows how the XYZ color 28.4052, 32.2182, 54.0118 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 28.4052, 32.2182, 54.0118 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 28.4052, 32.2182, 54.0118

Background



This preview shows how black text looks on a background with the XYZ color 28.4052, 32.2182, 54.0118.



This preview shows how white text looks on a background with the XYZ color 28.4052, 32.2182,

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

28.4052, 32.2182, 54.0118

Protanopia

31.8393, 32.0702, 50.4110

Deuteranopia

32.7447, 31.9588, 54.8949



Tritanopia

26.8775, 32.3931, 45.9102

Trichromacy



Original Color

28.4052, 32.2182, 54.0118

Protanomaly

30.3639, 32.0171, 51.5933

Deuteranomaly

30.9015, 31.9853, 54.4143

Tritanomaly

27.3242, 32.3027, 48.5110

Monochromacy



Original Color

28.4052, 32.2182, 54.0118

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0837, 30.6137, 39.5508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4052, 32.2182, 54.0118 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(110, 160, 191)` looks like.

```
.text, #text, p{  
    color:rgb(110, 160, 191)  
}
```

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(110, 160, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 160, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.4052, 32.2182, 54.0118 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(110, 160, 191) }
```


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

```
.border{ border-color:rgb(110, 160, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 160, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 160, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 160, 191);  
box-shadow:4px 4px 4px 4px rgb(110, 160,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4052, 32.2182, 54.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 160, 191) }
```

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

```
.background{ background-color: rgb(110,  
160, 191) }
```

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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