

Converting Colors

XYZ(29.5770, 35.8224, 52.0258)

Have a look what the booklet for
XYZ(29.5770, 35.8224, 52.0258)
contains.

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Color

**XYZ(29.4892, 35.7968,
51.8096)**

Conversions

Conversions Part 1

Format	Color
Hex	6BABBA
RGB	107, 171, 186
RGB Percent	42%, 67%, 73%
CMY	0.5804, 0.3294, 0.2706
CMYK	0.42, 0.08, 0.00, 0.27
HSL	191°, 36%, 57%
HSV	191°, 42%, 73%
XYZ	29.4892, 35.7968, 51.8096
YIQ	153.5740, -42.9590, -8.9030

Conversions

Conversions Part 2

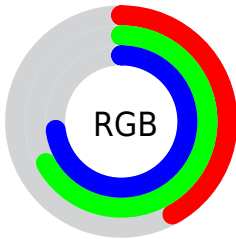
Format	Color
RYB	107, 142, 186
Decimal	7056314
CIELab	66.36, -16.53, -14.13
CIElCh	66, 21.747, 220.529
Yxy	35.7968, 0.2518, 0.3057
Android (android.graphics.Color)	4285246394 (0xFF6BABBA)
YUV	153.5740, 15.9860, -40.8454
Hunter-Lab	59.8304, -16.7242, -9.4603

Details

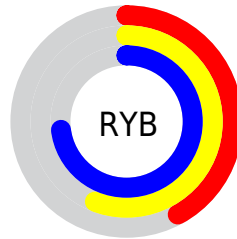
The XYZ color **29.4892, 35.7968, 51.8096** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.8636, 25.4202, 17.2433**, and the grayscale version is **30.4753, 32.0623, 34.9159**.

A 20% lighter version of the original color is **58.1237, 68.4849, 94.1599**, and **12.2466, 15.6172, 24.5593** is the 20% darker color. If you saturate the color by 10%, you get **26.8311, 33.4503, 51.4974**, and if you desaturate by 10%, it is **32.6483, 38.4297, 52.1519**.

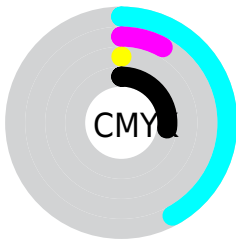
Distribution



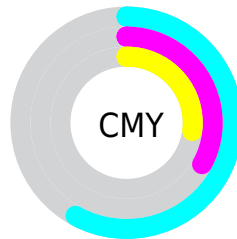
- Red (42%)
- Green (67%)
- Blue (73%)



- Red (42%)
- Yellow (56%)
- Blue (73%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4892, 35.7968, 51.8096 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 29.4892, 35.7968, 51.8096 by changing the saturation by 10% instead.

■ 29.4892, 35.7968,
51.8096

■ 29.4892, 35.7968,
51.8096

291.4689,
328.0715, 410.6371

■ 19.5973, 24.2773,
36.4721

■ 58.2456, 68.7183,
94.2741

■ 12.2092, 15.5395,
24.5065

■ 77.8409, 90.8891,
122.2382

■ 6.9596, 9.1989,
15.4941

■ 101.4014,
117.3792, 155.2483

■ 3.4829, 4.8711,
9.0164

■ 129.2924,
148.5728, 193.7229

■ 1.4140, 2.1718,
4.6549

161.8793,
184.8545, 238.0805

■ 0.2662, 0.7046,
1.9911

199.5274,

■ 0.0000, 0.0000,

226.6086, 288.7398

0.5498

242.6022,
274.2194, 346.1191

■ 0.0000, 0.0000,
0.0000

■ 29.4892, 35.7968,
51.8096

■ 29.4892, 35.7968,
51.8096

■ 26.8311, 33.4503,
51.4974

■ 32.6483, 38.4297,
52.1519

■ 24.6394, 31.3696,
51.2113

■ 36.3336, 41.3598,
52.5232

■ 22.8804, 29.5380,
50.9505

■ 40.5726, 44.6020,
52.9257

■ 21.5139, 27.9347,
50.7130

■ 45.3896, 48.1694,
53.3603

■ 20.4922, 26.5347,
50.4967

■ 50.8078, 52.0739,
53.8284

■ 19.8795, 25.5782,
50.3443

■ 56.8489, 56.3270,
54.3309

■ 63.5335, 60.9394,
54.8689

■ 70.5848, 65.7688,
55.4294

■ 71.4082, 67.4155,
55.7039

Harmonies

Analogous

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



28.2393, 35.7968, 42.3413



29.4892, 35.7968, 51.8096



31.9819, 35.7968, 58.4144

Triad

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



29.4892, 35.7968, 51.8096



40.2658, 35.7968, 45.2554



32.8940, 35.7968, 23.8890

Complementary

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



29.4892, 35.7968, 51.8096



29.8636, 25.4202, 17.2433

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.



36.1508, 35.7968, 24.4141



29.4892, 35.7968, 51.8096



40.5487, 35.7968, 35.7951

Square

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



29.4892, 35.7968, 51.8096



38.2508, 35.7968, 54.2329



39.0009, 35.7968, 28.4597



30.1202, 35.7968, 26.8888

Rectangle

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



29.4892, 35.7968, 51.8096



34.0816, 35.7968, 59.7648



39.0009, 35.7968, 28.4597



33.9661, 35.7968, 23.6726

Sweetspot

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



29.4903, 35.7982, 51.8104



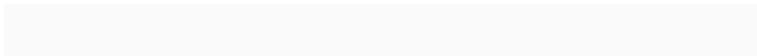
72.9327, 80.3860, 95.8735



27.1040, 39.6367, 24.4679



15.6692, 17.4058, 21.0764



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.



29.4903, 35.7982, 51.8104



48.9094, 60.8824, 93.3751



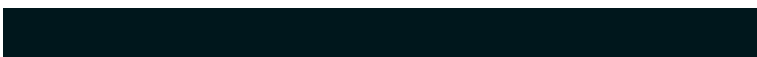
23.1807, 23.1789, 49.7072



9.1179, 9.9129, 11.5123



13.4259, 17.3115, 33.8869



0.5112, 0.6860, 1.2072

Inverse Universe

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



32.8590, 23.8956, 41.4101



56.0244, 37.1481, 71.0933



35.6462, 36.9854, 19.1709



9.3058, 9.1327, 10.9579



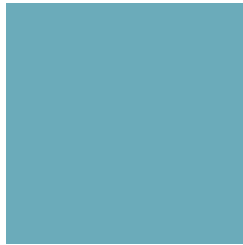
17.3905, 8.5299, 20.4747



0.6322, 0.3083, 0.8224

Previews

White Background



This preview shows how the XYZ color 29.4892, 35.7968, 51.8096 looks on a white background.

Color Contrast Check

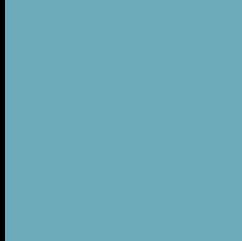
Large Text (above 18pt) WCAG AA × Fail

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 29.4892, 35.7968, 51.8096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

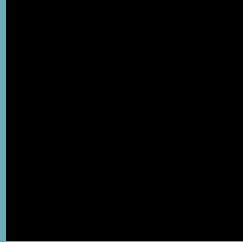
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4892, 35.7968, 51.8096

Background



This preview shows how black text looks on a background with the XYZ color 29.4892, 35.7968, 51.8096.



This preview shows how white text looks on a background with the XYZ color 29.4892, 35.7968,

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

29.4892, 35.7968, 51.8096

Protanopia

34.6354, 35.3200, 47.6398

Deuteranopia

36.1426, 35.4694, 53.0855



Tritanopia

29.3833, 35.7544, 51.2516

Trichromacy



Original Color

29.4892, 35.7968, 51.8096

Protanomaly

32.1882, 35.0608, 49.3269

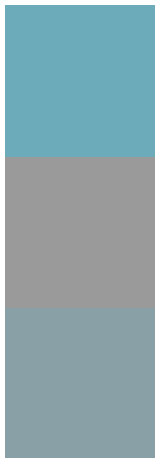
Deuteranomaly

33.1528, 35.2223, 52.6282

Tritanomaly

29.3833, 35.7544, 51.2516

Monochromacy



Original Color

29.4892, 35.7968, 51.8096

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.7703, 33.2132, 40.9181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4892, 35.7968, 51.8096 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(107, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(107, 171, 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(107, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 29.4892, 35.7968, 51.8096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

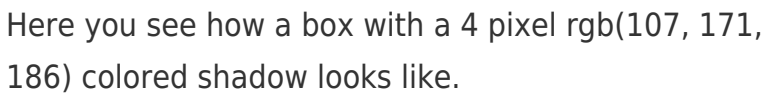
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 171, 186) }
```


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

```
.border{ border-color:rgb(107, 171, 186) }
```

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



Here you see how a box with a 4 pixel rgb(107, 171, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(107, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4892, 35.7968, 51.8096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 171, 186) }
```

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

```
.background{ background-color: rgb(107,  
171, 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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