

Converting Colors

XYZ(29.2654, 30.5228, 50.5816)

Have a look what the booklet for
XYZ(29.2654, 30.5228, 50.5816)
contains.

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Color

**XYZ(29.2896, 30.5037,
50.7984)**

Conversions

Conversions Part 1

Format	Color
Hex	8397BA
RGB	131, 151, 186
RGB Percent	51%, 59%, 73%
CMY	0.4863, 0.4078, 0.2706
CMYK	0.30, 0.19, 0.00, 0.27
HSL	218°, 28%, 62%
HSV	218°, 30%, 73%
XYZ	29.2896, 30.5037, 50.7984
YIQ	149.0100, -23.1550, 6.6450

Conversions

Conversions Part 2

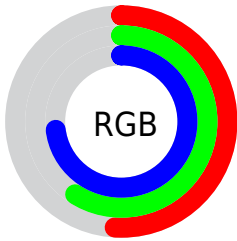
Format	Color
R_{YB}	131, 146, 186
Decimal	8624058
CIE _{Lab}	62.09, 1.14, -20.49
CIE _{LCh}	62, 20.517, 273.198
Yxy	30.5037, 0.2648, 0.2758
Android (android.graphics.Color)	4286814138 (0xFF8397BA)
YUV	149.0100, 18.2361, -15.7948
Hunter-Lab	55.2302, -1.9908, -15.8714

Details

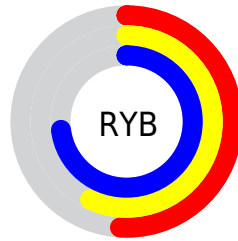
The XYZ color **29.2896, 30.5037, 50.7984** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.9831, 39.3505, 27.0671**, and the grayscale version is **28.5048, 29.9892, 32.6583**.

A 20% lighter version of the original color is **57.8659, 60.3877, 92.6105**, and **12.0991, 12.5133, 23.9679** is the 20% darker color. If you saturate the color by 10%, you get **24.8533, 25.5301, 50.0727**, and if you desaturate by 10%, it is **34.4363, 36.1289, 51.6134**.

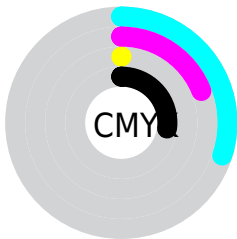
Distribution



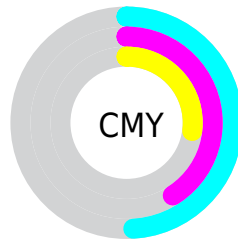
- Red (51%)
- Green (59%)
- Blue (73%)



- Red (51%)
- Yellow (57%)
- Blue (73%)



- Cyan (30%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2896, 30.5037, 50.7984 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 29.2896, 30.5037, 50.7984 by changing the saturation by 10% instead.

■ 29.2896, 30.5037,
50.7984

■ 29.2896, 30.5037,
50.7984

290.5485,
304.2453, 406.6042

■ 19.4454, 20.2212,
35.6726

■ 57.9313, 60.4578,
92.7652

■ 12.0985, 12.5560,
23.8937

■ 77.4594, 80.8983,
120.4432

■ 6.8834, 7.1235,
15.0433

■ 100.9463,
105.4935, 153.1423

■ 3.4350, 3.5395,
8.7029

128.7572,
134.6280, 191.2812

■ 1.3878, 1.4194,
4.4537

161.2575,
168.6860, 235.2782

■ 0.2475, 0.2310,
1.8774

198.8126,

■ 0.0000, 0.0000,

208.0519, 285.5521

0.4783

241.7879,
253.1102, 342.5212

■ 0.0000, 0.0000,
0.0000

■ 29.2896, 30.5037,
50.7984

■ 29.2896, 30.5037,
50.7984

■ 24.8533, 25.5301,
50.0727

■ 34.4363, 36.1289,
51.6134

■ 21.0911, 21.1789,
49.4312

■ 40.3214, 42.4259,
52.5187

■ 17.9679, 17.4239,
48.8710

■ 46.9751, 49.4187,
53.5178

■ 15.4438, 14.2355,
48.3886

■ 54.4246, 57.1287,
54.6133

■ 13.4743, 11.5810,
47.9800

■ 62.6962, 65.5766,
55.8080

■ 12.0072, 9.4232,
47.6408

■ 71.8146, 74.7820,
57.1042

■ 10.9493, 7.7029,
47.3646

■ 79.4846, 83.5684,
58.3959

■ 10.9085, 7.6361,
47.3538

■ 82.9649, 90.5290,
59.5560

■ 85.8630, 96.3252,
60.5220

Harmonies

Analogous

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



26.6672, 30.5037, 48.6940



29.2896, 30.5037, 50.7984



31.9939, 30.5037, 47.6090

Triad

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



29.2896, 30.5037, 50.7984



33.6597, 30.5037, 25.5737



24.5132, 30.5037, 26.8260

Complementary

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



29.2896, 30.5037, 50.7984



37.9831, 39.3505, 27.0671

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.



26.1856, 30.5037, 22.0584



29.2896, 30.5037, 50.7984



31.4500, 30.5037, 21.4199

Square

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



29.2896, 30.5037, 50.7984



34.6154, 30.5037, 32.3735



28.6981, 30.5037, 20.2421



24.0147, 30.5037, 34.0675

Rectangle

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



29.2896, 30.5037, 50.7984



33.4489, 30.5037, 43.1657



28.6981, 30.5037, 20.2421



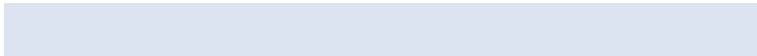
24.9513, 30.5037, 24.9220

Sweetspot

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



29.2906, 30.5049, 50.7991



73.5624, 77.4054, 95.2650



33.7873, 42.6908, 42.4563



15.8349, 16.6591, 20.9235



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.



29.2906, 30.5049, 50.7991



48.1062, 49.7337, 91.2655



27.5165, 25.2104, 49.8707



8.7813, 9.2399, 11.4001



7.4045, 5.2687, 31.8798



0.3209, 0.3055, 1.1438

Inverse Universe

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



33.9527, 28.9069, 33.0696



57.9483, 46.8359, 53.7306



40.1697, 46.3011, 28.2934



9.1360, 9.0648, 10.0635



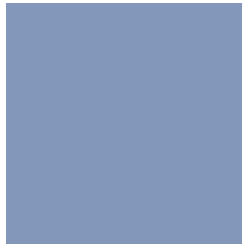
14.3511, 7.3142, 4.4699



0.5361, 0.2699, 0.3168

Previews

White Background



This preview shows how the XYZ color 29.2896, 30.5037, 50.7984 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 29.2896, 30.5037, 50.7984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

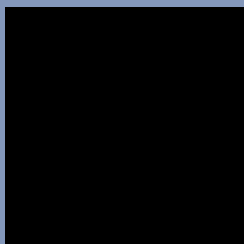
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

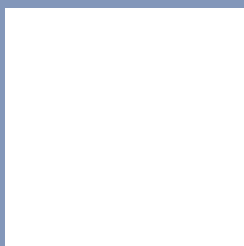
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2896, 30.5037, 50.7984

Background



This preview shows how black text looks on a background with the XYZ color 29.2896, 30.5037, 50.7984.



This preview shows how white text looks on a background with the XYZ color 29.2896, 30.5037,

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

29.2896, 30.5037, 50.7984

Protanopia

30.2261, 30.3032, 49.6034

Deuteranopia

31.0804, 30.4750, 51.2579



Tritanopia

27.2830, 30.4132, 40.9916

Trichromacy



Original Color

29.2896, 30.5037, 50.7984

Protanomaly

29.8209, 30.3160, 50.1788

Deuteranomaly

30.3748, 30.3431, 51.2696

Tritanomaly

27.9333, 30.4277, 44.4453

Monochromacy



Original Color

29.2896, 30.5037, 50.7984

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.5833, 30.1721, 38.4997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2896, 30.5037, 50.7984 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(131, 151, 186)` looks like.

```
.text, #text, p{  
    color:rgb(131, 151, 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(131, 151, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 151, 186) }
```

Border

The CSS property to change the border of an element to XYZ 29.2896, 30.5037, 50.7984 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(131, 151, 186) }
```


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

```
.border{ border-color:rgb(131, 151, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 151, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 151, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 151, 186);  
box-shadow:4px 4px 4px 4px rgb(131, 151,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2896, 30.5037, 50.7984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 151, 186) }
```

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

```
.background{ background-color: rgb(131,  
151, 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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