

Converting Colors

XYZ(28.5896, 34.2886, 48.8276)

Have a look what the booklet for
XYZ(28.5896, 34.2886, 48.8276)
contains.

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Color

**XYZ(28.5896, 34.2886,
48.8276)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA7B5
RGB	110, 167, 181
RGB Percent	43%, 65%, 71%
CMY	0.5686, 0.3451, 0.2902
CMYK	0.39, 0.08, 0.00, 0.29
HSL	192°, 32%, 57%
HSV	192°, 39%, 71%
XYZ	28.5896, 34.2886, 48.8276
YIQ	151.5530, -38.4660, -7.7300

Conversions

Conversions Part 2

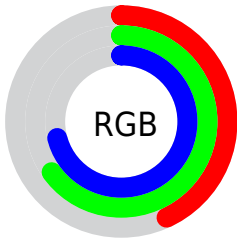
Format	Color
RYB	110, 142, 181
Decimal	7251893
CIELab	65.19, -14.95, -13.10
CIElCh	65, 19.877, 221.228
Yxy	34.2886, 0.2559, 0.3070
Android (android.graphics.Color)	4285441973 (0xFF6EA7B5)
YUV	151.5530, 14.5174, -36.4420
Hunter-Lab	58.5565, -15.3230, -8.4497

Details

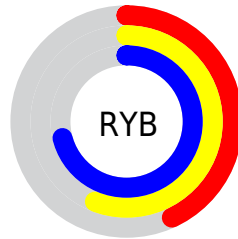
The XYZ color **28.5896, 34.2886, 48.8276** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.0788, 25.3654, 18.1161**, and the grayscale version is **29.6048, 31.1465, 33.9186**.

A 20% lighter version of the original color is **56.7172, 66.2495, 89.9189**, and **11.7144, 14.6898, 22.6401** is the 20% darker color. If you saturate the color by 10%, you get **25.9190, 31.9554, 48.5186**, and if you desaturate by 10%, it is **31.7403, 36.8977, 49.1657**.

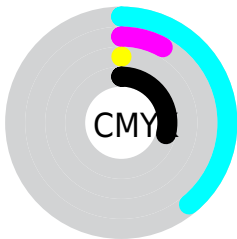
Distribution



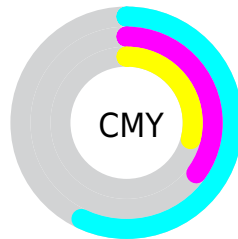
- Red (43%)
- Green (65%)
- Blue (71%)



- Red (43%)
- Yellow (56%)
- Blue (71%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (57%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5896, 34.2886, 48.8276 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 28.5896, 34.2886, 48.8276 by changing the saturation by 10% instead.

■ 28.5896, 34.2886,
48.8276

■ 28.5896, 34.2886,
48.8276

287.3029,
321.4170, 398.6662

■ 18.9133, 23.1154,
34.1181

■ 56.8265, 66.3822,
89.8137

■ 11.7113, 14.6787,
22.7062

■ 76.1178, 88.0714,
116.9274

■ 6.6182, 8.5942,
14.1735

■ 99.3448, 114.0347,
149.0128

■ 3.2687, 4.4775,
8.1013

■ 126.8729,
144.6566, 186.4886

■ 1.2974, 1.9441,
4.0711

159.0673,
180.3213, 229.7733

■ 0.1813, 0.5747,
1.6645

196.2936,

■ 0.0000, 0.0000,

221.4134, 279.2855

0.3362

238.9170,
268.3171, 335.4436

■ 0.0000, 0.0000,
0.0000

■ 28.5896, 34.2886,
48.8276

■ 28.5896, 34.2886,
48.8276

■ 25.9190, 31.9554,
48.5186

■ 31.7403, 36.8977,
49.1657

■ 23.6970, 29.8793,
48.2350

■ 35.3940, 39.7922,
49.5319

■ 21.8933, 28.0452,
47.9760

■ 39.5757, 42.9862,
49.9280

■ 20.4722, 26.4344,
47.7400

■ 44.3078, 46.4913,
50.3551

■ 19.3918, 25.0252,
47.5250

■ 49.6116, 50.3187,
50.8143

■ 18.5741, 23.7771,
47.3272

■ 55.5070, 54.4789,
51.3066

■ 18.5141, 23.6832,
47.3122

■ 62.0129, 58.9819,
51.8329

■ 69.1476, 63.8373,
52.3940

■ 70.0319, 65.4988,
52.6681

Harmonies

Analogous

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



27.4412, 34.2886, 40.5176



28.5896, 34.2886, 48.8276



30.8357, 34.2886, 54.5077

Triad

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



28.5896, 34.2886, 48.8276



38.1359, 34.2886, 42.6899



31.5209, 34.2886, 23.8066

Complementary

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



28.5896, 34.2886, 48.8276



29.0788, 25.3654, 18.1161

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.



34.4102, 34.2886, 24.2101



28.5896, 34.2886, 48.8276



38.3463, 34.2886, 34.3226

Square

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



28.5896, 34.2886, 48.8276



36.3889, 34.2886, 50.6187



36.9478, 34.2886, 27.8031



29.0657, 34.2886, 26.6050

Rectangle

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



28.5896, 34.2886, 48.8276



32.7094, 34.2886, 55.5989



36.9478, 34.2886, 27.8031



32.4714, 34.2886, 23.5845

Sweetspot

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



28.5906, 34.2899, 48.8284



68.5488, 75.2271, 89.2020



26.5313, 37.7939, 24.6419



14.6061, 16.0997, 19.2600



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.5906, 34.2899, 48.8284



47.0579, 57.8037, 86.9716



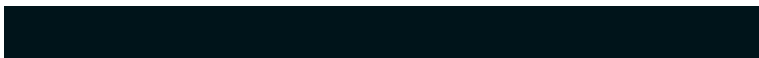
23.0887, 23.2860, 46.9944



8.5975, 9.3412, 10.8562



12.8122, 16.4247, 32.6320



0.4395, 0.5895, 1.0389

Inverse Universe

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



31.6079, 23.7666, 39.4821



53.3716, 36.8913, 67.1657



34.1864, 35.5807, 19.8187



8.7768, 8.6174, 10.3230



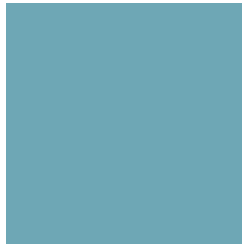
16.7016, 8.1982, 19.3866



0.5439, 0.2653, 0.7066

Previews

White Background



This preview shows how the XYZ color 28.5896, 34.2886, 48.8276 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 28.5896, 34.2886, 48.8276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

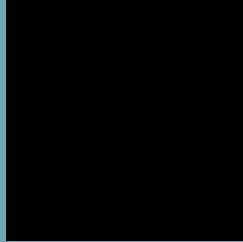
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5896, 34.2886, 48.8276

Background



This preview shows how black text looks on a background with the XYZ color 28.5896, 34.2886, 48.8276.



This preview shows how white text looks on a background with the XYZ color 28.5896, 34.2886,

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

28.5896, 34.2886, 48.8276

Protanopia

33.0460, 33.8015, 44.8270

Deuteranopia

34.7045, 34.0455, 50.0897



Tritanopia

28.5896, 34.2886, 48.8276

Trichromacy



Original Color

28.5896, 34.2886, 48.8276

Protanomaly

31.1541, 33.8049, 46.4780

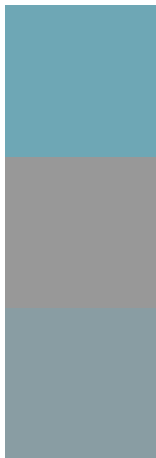
Deuteranomaly

32.1007, 33.9660, 49.6639

Tritanomaly

28.5896, 34.2886, 48.8276

Monochromacy



Original Color

28.5896, 34.2886, 48.8276

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.9844, 32.0767, 39.3141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5896, 34.2886, 48.8276 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, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(110, 167, 181)  
}
```

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, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 167, 181) }
```

Border

The CSS property to change the border of an element to XYZ 28.5896, 34.2886, 48.8276 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, 167, 181) }
```


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

```
.border{ border-color:rgb(110, 167, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(110, 167,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5896, 34.2886, 48.8276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 167, 181) }
```

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

```
.background{ background-color: rgb(110,  
167, 181) }
```

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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