

Converting Colors

XYZ(28.3812, 36.4153, 41.1279)

Have a look what the booklet for
XYZ(28.3812, 36.4153, 41.1279)
contains.

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Color

**XYZ(28.3580, 36.3037,
41.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAE A5
RGB	110, 174, 165
RGB Percent	43%, 68%, 65%
CMY	0.5686, 0.3176, 0.3529
CMYK	0.37, 0.00, 0.05, 0.32
HSL	172°, 28%, 56%
HSV	172°, 37%, 68%
XYZ	28.3580, 36.3037, 41.1100
YIQ	153.8380, -35.2550, -16.3670

Conversions

Conversions Part 2

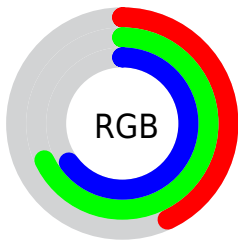
Format	Color
RYB	110, 144, 174
Decimal	7253669
CIELab	66.75, -22.58, -1.88
CIELCh	67, 22.660, 184.754
Yxy	36.3037, 0.2681, 0.3432
Android (android.graphics.Color)	4285443749 (0xFF6EAE5)
YUV	153.8380, 5.5029, -38.4459
Hunter-Lab	60.2526, -21.4305, 1.7235

Details

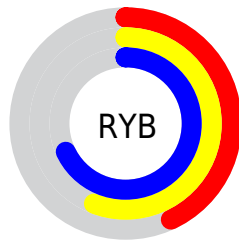
The XYZ color **28.3580, 36.3037, 41.1100** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3625, 21.4835, 20.2115**, and the grayscale version is **30.6327, 32.2280, 35.0963**.

A 20% lighter version of the original color is **56.5249, 69.6534, 78.1754**, and **11.5054, 15.7369, 18.0539** is the 20% darker color. If you saturate the color by 10%, you get **26.1817, 35.2082, 39.8571**, and if you desaturate by 10%, it is **30.9658, 37.6230, 42.4070**.

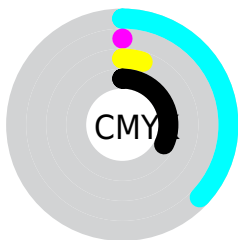
Distribution



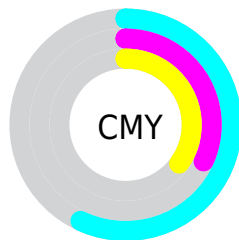
- Red (43%)
- Green (68%)
- Blue (65%)



- Red (43%)
- Yellow (56%)
- Blue (68%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (57%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3580, 36.3037, 41.1100 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 28.3580, 36.3037, 41.1100 by changing the saturation by 10% instead.

■ 28.3580, 36.3037,
41.1100

■ 28.3580, 36.3037,
41.1100

286.2228,
330.2860, 366.4704

■ 18.7375, 24.6688,
28.0847

■ 56.4602, 69.5006,
78.1063

■ 11.5837, 15.8305,
18.1499

■ 75.6726, 91.8314,
102.9144

■ 6.5310, 9.4043,
10.8871

■ 98.8130, 118.4962,
132.4872

■ 3.2143, 5.0058,
5.8778

■ 126.2468,
149.8796, 167.2433

■ 1.2681, 2.2507,
2.7033

158.3393,
186.3659, 207.6010

■ 0.1591, 0.7474,
0.9451

195.4559,

■ 0.0000, 0.0000,

228.3395, 253.9791

0.0000

237.9619,
276.1847, 306.7961

■ 28.3580, 36.3037,
41.1100

■ 28.3580, 36.3037,
41.1100

■ 26.1817, 35.2082,
39.8571

■ 30.9658, 37.6230,
42.4070

■ 24.4086, 34.3191,
38.6443

■ 34.0249, 39.1736,
43.7466

■ 23.0123, 33.6238,
37.4713

■ 37.5578, 40.9678,
45.1310

■ 21.9616, 33.1062,
36.3362

■ 41.5843, 43.0161,
46.5611

■ 21.2203, 32.7476,
35.2375

■ 46.1233, 45.3281,
48.0379

■ 20.7373, 32.5217,
34.1724

■ 51.1927, 47.9129,
49.5623

■ 20.6038, 32.4602,
33.8352

■ 56.8093, 50.7794,
51.1354

■ 62.9895, 53.9359,
52.7579

■ 65.3493, 55.1224,
54.2248

Harmonies

Analogous

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



28.8926, 36.3037, 32.0274



28.3580, 36.3037, 41.1100



29.3795, 36.3037, 51.2664

Triad

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



28.3580, 36.3037, 41.1100



38.3918, 36.3037, 57.1101



37.3872, 36.3037, 24.8233

Complementary

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



28.3580, 36.3037, 41.1100



26.3625, 21.4835, 20.2115

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.



40.1957, 36.3037, 29.7348



28.3580, 36.3037, 41.1100



40.8021, 36.3037, 48.1180

Square

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



28.3580, 36.3037, 41.1100



35.0534, 36.3037, 61.4255



41.4830, 36.3037, 37.9882



33.9635, 36.3037, 23.5732

Rectangle

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



28.3580, 36.3037, 41.1100



30.8478, 36.3037, 56.9914



41.4830, 36.3037, 37.9882



38.4416, 36.3037, 26.0559

Sweetspot

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



28.3590, 36.3052, 41.1108



65.1871, 72.8168, 80.7418



25.6420, 35.3639, 20.2270



14.3003, 16.0887, 17.8719



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.3590, 36.3052, 41.1108



48.2197, 64.2292, 72.7434



25.2349, 28.6991, 44.2555



8.1872, 9.0524, 10.0105



14.9600, 23.5493, 24.6266



0.4292, 0.6603, 0.7538

Inverse Universe

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



26.3625, 21.4835, 20.2115



44.0820, 33.4525, 29.3865



28.5769, 26.7369, 18.4072



8.0494, 8.0330, 8.5711



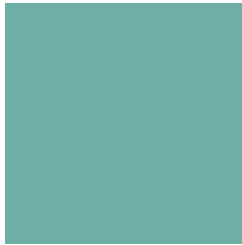
12.7975, 6.5815, 1.3132



0.3699, 0.1886, 0.1096

Previews

White Background



This preview shows how the XYZ color 28.3580, 36.3037, 41.1100 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 28.3580, 36.3037, 41.1100 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 28.3580, 36.3037, 41.1100

Background



This preview shows how black text looks on a background with the XYZ color 28.3580, 36.3037, 41.1100.

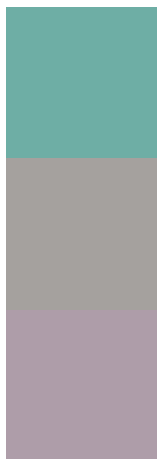


This preview shows how white text looks on a background with the XYZ color 28.3580, 36.3037,

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

28.3580, 36.3037, 41.1100

Protanopia

34.4335, 35.9577, 37.4734

Deuteranopia

36.6740, 35.9772, 42.5475



Tritanopia

30.3901, 36.2734, 51.2987

Trichromacy



Original Color

28.3580, 36.3037, 41.1100

Protanomaly

31.7463, 35.8654, 38.9677

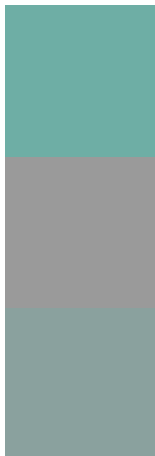
Deuteranomaly

32.9276, 35.6008, 42.1820

Tritanomaly

29.5985, 36.2301, 47.5526

Monochromacy



Original Color

28.3580, 36.3037, 41.1100

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.3977, 33.3616, 37.2378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3580, 36.3037, 41.1100 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, 174, 165)` looks like.

```
.text, #text, p{  
    color:rgb(110, 174, 165)  
}
```

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, 174, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 174, 165) }
```

Border

The CSS property to change the border of an element to XYZ 28.3580, 36.3037, 41.1100 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, 174, 165) }
```


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

```
.border{ border-color:rgb(110, 174, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 174, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 174, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 174, 165);  
box-shadow:4px 4px 4px 4px rgb(110, 174,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3580, 36.3037, 41.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 174, 165) }
```

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

```
.background{ background-color: rgb(110,  
174, 165) }
```

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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