

Converting Colors

XYZ(28.4346, 36.5961, 35.4283)

Have a look what the booklet for
XYZ(28.4346, 36.5961, 35.4283)
contains.

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Color

**XYZ(28.2748, 36.3907,
35.2396)**

Conversions

Conversions Part 1

Format	Color
Hex	76AE98
RGB	118, 174, 152
RGB Percent	46%, 68%, 60%
CMY	0.5372, 0.3176, 0.4039
CMYK	0.32, 0.00, 0.13, 0.32
HSL	156°, 26%, 57%
HSV	156°, 32%, 68%
XYZ	28.2748, 36.3907, 35.2396
YIQ	154.7480, -26.3140, -18.7140

Conversions

Conversions Part 2

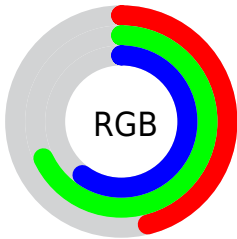
Format	Color
RYB	118, 153, 174
Decimal	7777944
CIELab	66.82, -23.19, 5.47
CIElCh	67, 23.831, 166.723
Yxy	36.3907, 0.2830, 0.3643
Android (android.graphics.Color)	4285968024 (0xFF76AE98)
YUV	154.7480, -1.3548, -32.2280
Hunter-Lab	60.3247, -21.9035, 7.5921

Details

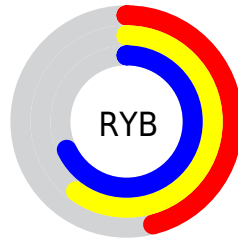
The XYZ color **28.2748, 36.3907, 35.2396** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.6689, 23.8500, 27.9050**, and the grayscale version is **31.0593, 32.6768, 35.5850**.

A 20% lighter version of the original color is **56.4507, 69.8205, 68.8940**, and **11.5011, 15.8076, 14.7569** is the 20% darker color. If you saturate the color by 10%, you get **25.5826, 35.0666, 32.2750**, and if you desaturate by 10%, it is **31.4372, 37.9554, 38.3963**.

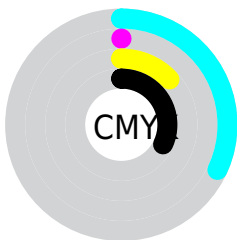
Distribution



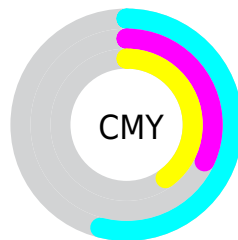
- Red (46%)
- Green (68%)
- Blue (60%)



- Red (46%)
- Yellow (60%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (54%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2748, 36.3907, 35.2396 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 28.2748, 36.3907, 35.2396 by changing the saturation by 10% instead.

■ 28.2748, 36.3907,
35.2396

■ 28.2748, 36.3907,
35.2396

285.8340,
330.6650, 340.5610

■ 18.6744, 24.7361,
23.5625

■ 56.3285, 69.6347,
69.0126

■ 11.5379, 15.8805,
14.8002

■ 75.5124, 91.9928,
91.9455

■ 6.4998, 9.4397,
8.5342

■ 98.6217, 118.6876,
119.4674

■ 3.1948, 5.0291,
4.3460

126.0215,
150.1035, 151.9968

■ 1.2576, 2.2643,
1.8170

158.0773,
186.6247, 189.9524

■ 0.1511, 0.7547,
0.4391

195.1544,

■ 0.0000, 0.0000,

228.6358, 233.7526

0.0000

237.6182,
276.5211, 283.8159

■ 28.2748, 36.3907,
35.2396

■ 28.2748, 36.3907,
35.2396

■ 25.5826, 35.0666,
32.2750

■ 31.4372, 37.9554,
38.3963

■ 23.3331, 33.9661,
29.4960

■ 35.0894, 39.7678,
41.7463

■ 21.5003, 33.0769,
26.8994

■ 39.2537, 41.8404,
45.2943

■ 20.0544, 32.3835,
24.4807

■ 43.9500, 44.1832,
49.0437

■ 18.9611, 31.8685,
22.2353

■ 49.1970, 46.8061,
52.9980

■ 18.1800, 31.5110,
20.1581

■ 55.0127, 49.7181,
57.1605

■ 17.7196, 31.3066,
18.6466

■ 61.4140, 52.9279,
61.5345

■ 67.6016, 56.0234,
66.0849

■ 68.4542, 56.3644,
70.5745

Harmonies

Analogous

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



29.7861, 36.3907, 27.5199



28.2748, 36.3907, 35.2396



28.3692, 36.3907, 45.6105

Triad

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



28.2748, 36.3907, 35.2396



36.6201, 36.3907, 61.8218



39.5576, 36.3907, 26.8635

Complementary

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



28.2748, 36.3907, 35.2396



28.6689, 23.8500, 27.9050

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.



41.6557, 36.3907, 34.1844



28.2748, 36.3907, 35.2396



39.8807, 36.3907, 54.8387

Square

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



28.2748, 36.3907, 35.2396



33.0217, 36.3907, 62.2382



41.7779, 36.3907, 44.3562



36.2036, 36.3907, 23.2812

Rectangle

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



28.2748, 36.3907, 35.2396



29.3277, 36.3907, 52.7092



41.7779, 36.3907, 44.3562



40.4430, 36.3907, 28.9050

Sweetspot

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



28.2758, 36.3922, 35.2404



65.0865, 72.8480, 76.9833



29.2900, 37.1920, 22.7752



14.2455, 16.0815, 16.9174



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.



28.2758, 36.3922, 35.2404



47.5434, 64.1652, 59.8505



29.1890, 35.0623, 45.2755



8.1010, 9.0180, 9.5569



12.8813, 22.7178, 13.6807



0.3842, 0.6423, 0.5168

Inverse Universe

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



28.6689, 23.8500, 27.9050



48.3780, 37.6515, 44.3615



27.8844, 24.6229, 20.4232



8.1307, 8.0655, 8.9989



13.4529, 6.8437, 4.7645



0.4016, 0.2013, 0.2766

Previews

White Background



This preview shows how the XYZ color 28.2748, 36.3907, 35.2396 looks on a white background.

Color Contrast Check

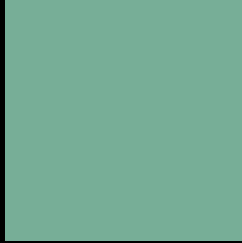
Large Text (above 18pt) WCAG AA × Fail

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 28.2748, 36.3907, 35.2396 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

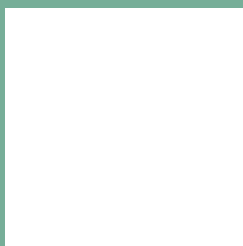
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2748, 36.3907, 35.2396

Background



This preview shows how black text looks on a background with the XYZ color 28.2748, 36.3907, 35.2396.



This preview shows how white text looks on a background with the XYZ color 28.2748, 36.3907,

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

28.2748, 36.3907, 35.2396

Protanopia

34.2179, 35.9691, 31.9273

Deuteranopia

36.7116, 35.8805, 36.4432



Tritanopia

31.3794, 36.5283, 50.1965

Trichromacy



Original Color

28.2748, 36.3907, 35.2396

Protanomaly

31.5592, 35.8946, 33.2820

Deuteranomaly

32.9182, 35.7290, 36.1718

Tritanomaly

30.0353, 36.2420, 44.4421

Monochromacy



Original Color

28.2748, 36.3907, 35.2396

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9084, 33.9245, 35.5436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2748, 36.3907, 35.2396 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(118, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(118, 174, 152)  
}
```

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(118, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 174, 152) }
```

Border

The CSS property to change the border of an element to XYZ 28.2748, 36.3907, 35.2396 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(118, 174, 152) }
```


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

```
.border{ border-color:rgb(118, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(118, 174,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2748, 36.3907, 35.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 174, 152) }
```

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

```
.background{ background-color: rgb(118,  
174, 152) }
```

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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