

Converting Colors

XYZ(28.4542, 35.0803, 47.3915)

Have a look what the booklet for
XYZ(28.4542, 35.0803, 47.3915)
contains.

XYZ(28.4740, 35.0896, 47.3917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.4740, 35.0896,
47.3917)**

Conversions

Conversions Part 1

Format	Color
Hex	6BAAB2
RGB	107, 170, 178
RGB Percent	42%, 67%, 70%
CMY	0.5804, 0.3333, 0.3020
CMYK	0.40, 0.04, 0.00, 0.30
HSL	187°, 32%, 56%
HSV	187°, 40%, 70%
XYZ	28.4740, 35.0896, 47.3917
YIQ	152.0750, -40.1160, -10.8680

Conversions

Conversions Part 2

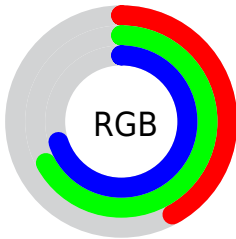
Format	Color
RYB	107, 140, 178
Decimal	7056050
CIELab	65.82, -18.11, -10.50
CIELCh	66, 20.932, 210.117
Yxy	35.0896, 0.2566, 0.3162
Android (android.graphics.Color)	4285246130 (0xFF6BAAB2)
YUV	152.0750, 12.7810, -39.5308
Hunter-Lab	59.2365, -17.8618, -5.9690

Details

The XYZ color **28.4740, 35.0896, 47.3917** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1452, 22.7884, 16.8787**, and the grayscale version is **29.8372, 31.3911, 34.1849**.

A 20% lighter version of the original color is **56.6768, 67.4723, 87.8782**, and **11.6483, 15.1944, 21.7209** is the 20% darker color. If you saturate the color by 10%, you get **26.1775, 33.3528, 47.1781**, and if you desaturate by 10%, it is **31.2188, 37.0678, 47.6295**.

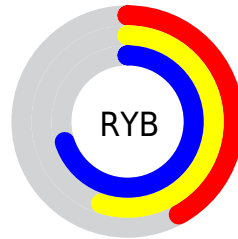
Distribution



Red (42%)

Green (67%)

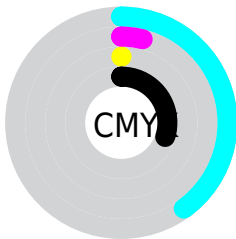
Blue (70%)



Red (42%)

Yellow (55%)

Blue (70%)

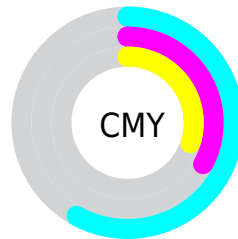


Cyan (40%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (58%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4740, 35.0896, 47.3917 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 28.4740, 35.0896, 47.3917 by changing the saturation by 10% instead.

■ 28.4740, 35.0896,
47.3917

■ 28.4740, 35.0896,
47.3917

286.7642,
324.9636, 392.8148

■ 18.8255, 23.7319,
32.9889

■ 56.6437, 67.6245,
87.6541

■ 11.6475, 15.1349,
21.8469

■ 75.8956, 89.5706,
114.3508

■ 6.5746, 8.9141,
13.5472

■ 99.0795, 115.8149,
145.9824

■ 3.2415, 4.6852,
7.6713

■ 126.5605,
146.7418, 182.9676

■ 1.2827, 2.0638,
3.8006

158.7042,
182.7357, 225.7249

■ 0.1702, 0.6441,
1.5166

195.8757,

■ 0.0000, 0.0000,

224.1811, 274.6729

0.2302

238.4406,
271.4623, 330.2300

■ 0.0000, 0.0000,
0.0000

■ 28.4740, 35.0896,
47.3917

■ 28.4740, 35.0896,
47.3917

■ 26.1775, 33.3528,
47.1781

■ 31.2188, 37.0678,
47.6295

■ 24.2990, 31.8390,
46.9849

■ 34.4338, 39.2960,
47.8901

■ 22.8093, 30.5341,
46.8116

■ 38.1430, 41.7876,
48.1755

■ 21.6739, 29.4203,
46.6564

■ 42.3680, 44.5538,
48.4868

■ 20.8523, 28.4766,
46.5176

■ 47.1290, 47.6049,
48.8248

■ 20.2606, 27.6598,
46.3911

■ 52.4453, 50.9510,
49.1904

■ 20.2541, 27.6507,
46.3897

■ 58.3350, 54.6014,
49.5846

■ 64.8154, 58.5651,
50.0081

■ 67.2699, 60.4622,
50.2449

Harmonies

Analogous

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



27.7586, 35.0896, 38.2415



28.4740, 35.0896, 47.3917



30.4795, 35.0896, 54.9315

Triad

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



28.4740, 35.0896, 47.3917



38.7701, 35.0896, 47.3220



33.3394, 35.0896, 23.5979

Complementary

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



28.4740, 35.0896, 47.3917



27.1452, 22.7884, 16.8787

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.



36.3987, 35.0896, 25.2761



28.4740, 35.0896, 47.3917



39.6496, 35.0896, 38.1718

Square

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



28.4740, 35.0896, 47.3917



36.4210, 35.0896, 54.8871



38.7567, 35.0896, 30.2923



30.4597, 35.0896, 25.3026

Rectangle

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



28.4740, 35.0896, 47.3917



32.3427, 35.0896, 57.5304



38.7567, 35.0896, 30.2923



34.3813, 35.0896, 23.7814

Sweetspot

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



28.4751, 35.0910, 47.3925



67.5257, 74.6858, 87.2380



25.0275, 36.1845, 21.6155



14.7639, 16.4154, 19.3126



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.



28.4751, 35.0910, 47.3925



47.8738, 60.7954, 85.5927



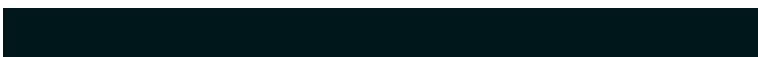
22.8200, 23.7808, 45.5075



8.6593, 9.4648, 10.8768



14.5208, 19.8419, 33.2015



0.4800, 0.6705, 1.0524

Inverse Universe

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



30.8744, 22.8835, 40.8214



52.9442, 35.8989, 71.5038



31.8573, 32.2126, 18.4493



8.8080, 8.6299, 10.4872



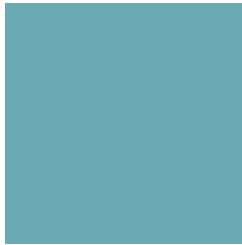
17.5641, 8.5432, 23.9281



0.5643, 0.2735, 0.8142

Previews

White Background



This preview shows how the XYZ color 28.4740, 35.0896, 47.3917 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 28.4740, 35.0896, 47.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

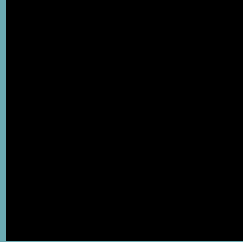
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4740, 35.0896, 47.3917

Background



This preview shows how black text looks on a background with the XYZ color 28.4740, 35.0896, 47.3917.

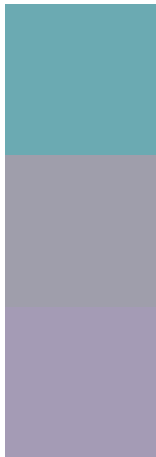


This preview shows how white text looks on a background with the XYZ color 28.4740, 35.0896,

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

28.4740, 35.0896, 47.3917

Protanopia

33.8756, 34.7649, 43.4529

Deuteranopia

35.3717, 34.6714, 48.5440



Tritanopia

28.9196, 34.9830, 50.0279

Trichromacy



Original Color

28.4740, 35.0896, 47.3917

Protanomaly

31.3755, 34.4721, 45.0445

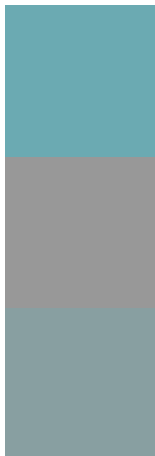
Deuteranomaly

32.1367, 34.2765, 48.1023

Tritanomaly

28.7128, 34.9003, 48.9392

Monochromacy



Original Color

28.4740, 35.0896, 47.3917

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.9845, 32.6037, 38.4837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4740, 35.0896, 47.3917 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, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(107, 170, 178)  
}
```

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, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 170, 178) }
```

Border

The CSS property to change the border of an element to XYZ 28.4740, 35.0896, 47.3917 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, 170, 178) }
```


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

```
.border{ border-color:rgb(107, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(107, 170,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4740, 35.0896, 47.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 170, 178) }
```

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

```
.background{ background-color: rgb(107,  
170, 178) }
```

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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