

Converting Colors

XYZ(28.3613, 35.7390, 40.6243)

Have a look what the booklet for
XYZ(28.3613, 35.7390, 40.6243)
contains.

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Color

**XYZ(28.3928, 35.7628,
40.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	72ACA4
RGB	114, 172, 164
RGB Percent	45%, 67%, 64%
CMY	0.5529, 0.3255, 0.3569
CMYK	0.34, 0.00, 0.05, 0.33
HSL	172°, 26%, 56%
HSV	172°, 34%, 67%
XYZ	28.3928, 35.7628, 40.5284
YIQ	153.7460, -32.0000, -14.7840

Conversions

Conversions Part 2

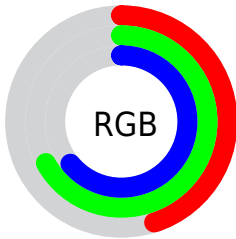
Format	Color
RYB	114, 145, 172
Decimal	7515300
CIELab	66.34, -20.67, -1.91
CIElCh	66, 20.753, 185.267
Yxy	35.7628, 0.2712, 0.3416
Android (android.graphics.Color)	4285705380 (0xFF72ACA4)
YUV	153.7460, 5.0552, -34.8572
Hunter-Lab	59.8020, -19.9053, 1.6800

Details

The XYZ color **28.3928, 35.7628, 40.5284** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.5447, 22.2114, 21.3019**, and the grayscale version is **30.5933, 32.1865, 35.0511**.

A 20% lighter version of the original color is **56.6780, 68.9261, 77.3347**, and **11.5081, 15.3876, 17.6928** is the 20% darker color. If you saturate the color by 10%, you get **26.1504, 34.6322, 39.3158**, and if you desaturate by 10%, it is **31.0620, 37.1147, 41.7834**.

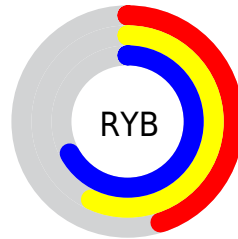
Distribution



Red (45%)

Green (67%)

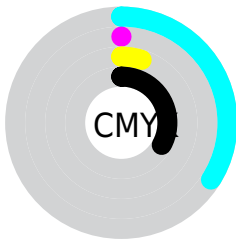
Blue (64%)



Red (45%)

Yellow (57%)

Blue (67%)

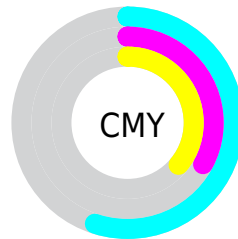


Cyan (34%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3928, 35.7628, 40.5284 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 28.3928, 35.7628, 40.5284 by changing the saturation by 10% instead.

■ 28.3928, 35.7628,
40.5284

■ 28.3928, 35.7628,
40.5284

286.3853,
327.9226, 363.9638

■ 18.7639, 24.2511,
27.6339

■ 56.5152, 68.6658,
77.2133

■ 11.6028, 15.5200,
17.8132

■ 75.7395, 90.8258,
101.8408

■ 6.5441, 9.1851,
10.6479

■ 98.8929, 117.3041,
131.2164

■ 3.2224, 4.8621,
5.7194

126.3409,
148.4850, 165.7585

■ 1.2725, 2.1666,
2.6092

158.4488,
184.7529, 205.8858

■ 0.1625, 0.7017,
0.8972

195.5819,

■ 0.0000, 0.0000,

226.4922, 252.0167

0.0000

238.1056,
274.0873, 304.5699

■ 28.3928, 35.7628,
40.5284

■ 28.3928, 35.7628,
40.5284

■ 26.1504, 34.6322,
39.3158

■ 31.0620, 37.1147,
41.7834

■ 24.3081, 33.7066,
38.1420

■ 34.1766, 38.6949,
43.0794

■ 22.8408, 32.9737,
37.0063

■ 37.7582, 40.5153,
44.4184

■ 21.7194, 32.4189,
35.9074

■ 41.8256, 42.5858,
45.8013

■ 20.9107, 32.0246,
34.8435

■ 46.3969, 44.9155,
47.2292

■ 20.3745, 31.7705,
33.8127

■ 51.4891, 47.5133,
48.7028

■ 20.1201, 31.6531,
33.1796

■ 57.1186, 50.3876,
50.2231

■ 63.3008, 53.5463,
51.7910

■ 64.7880, 54.2842,
53.1608

Harmonies

Analogous

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



28.8581, 35.7628, 32.2228



28.3928, 35.7628, 40.5284



29.3517, 35.7628, 49.6555

Triad

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



28.3928, 35.7628, 40.5284



37.5519, 35.7628, 54.6130



36.5478, 35.7628, 25.3972

Complementary

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



28.3928, 35.7628, 40.5284



26.5447, 22.2114, 21.3019

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.



39.0961, 35.7628, 29.8883



28.3928, 35.7628, 40.5284



39.7001, 35.7628, 46.5304

Square

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



28.3928, 35.7628, 40.5284



34.5418, 35.7628, 58.5402



40.2816, 35.7628, 37.3929



33.4470, 35.7628, 24.2898

Rectangle

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



28.3928, 35.7628, 40.5284



30.7060, 35.7628, 54.7275



40.2816, 35.7628, 37.3929



37.5033, 35.7628, 26.5238

Sweetspot

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



28.3938, 35.7642, 40.5292



64.2013, 71.3142, 79.0005



25.9164, 34.9103, 21.2927



13.7662, 15.4036, 17.0974



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.3938, 35.7642, 40.5292



48.5829, 63.4020, 71.9754



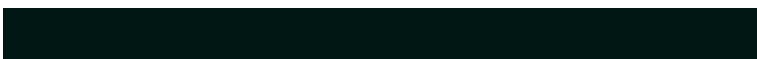
25.5665, 28.9164, 43.2653



8.1881, 9.0528, 10.0155



14.9870, 23.5601, 24.7690



0.4298, 0.6605, 0.7566

Inverse Universe

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



26.5447, 22.2114, 21.3019



44.7467, 35.2463, 32.0583



28.6184, 27.1200, 19.6466



8.0486, 8.0327, 8.5666



12.7938, 6.5801, 1.2935



0.3696, 0.1885, 0.1078

Previews

White Background



This preview shows how the XYZ color 28.3928, 35.7628, 40.5284 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 28.3928, 35.7628, 40.5284 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 28.3928, 35.7628, 40.5284

Background



This preview shows how black text looks on a background with the XYZ color 28.3928, 35.7628, 40.5284.

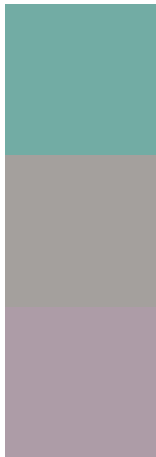


This preview shows how white text looks on a background with the XYZ color 28.3928, 35.7628,

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

28.3928, 35.7628, 40.5284

Protanopia

33.9665, 35.4684, 36.9542

Deuteranopia

36.0971, 35.4512, 41.4995



Tritanopia

30.2064, 35.6464, 50.0881

Trichromacy



Original Color

28.3928, 35.7628, 40.5284

Protanomaly

31.4747, 35.2000, 38.3931

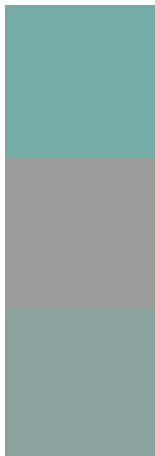
Deuteranomaly

32.7522, 35.2692, 41.1578

Tritanomaly

29.5473, 35.6659, 46.4012

Monochromacy



Original Color

28.3928, 35.7628, 40.5284

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.5639, 33.4473, 37.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3928, 35.7628, 40.5284 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(114, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(114, 172, 164)  
}
```

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(114, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 172, 164) }
```

Border

The CSS property to change the border of an element to XYZ 28.3928, 35.7628, 40.5284 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(114, 172, 164) }
```


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

```
.border{ border-color:rgb(114, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(114, 172,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3928, 35.7628, 40.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 172, 164) }
```

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

```
.background{ background-color: rgb(114,  
172, 164) }
```

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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