

Converting Colors

XYZ(28.7218, 36.1838, 41.5691)

Have a look what the booklet for
XYZ(28.7218, 36.1838, 41.5691)
contains.

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Color

**XYZ(28.7659, 36.2177,
41.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	72ADA6
RGB	114, 173, 166
RGB Percent	45%, 68%, 65%
CMY	0.5529, 0.3216, 0.3490
CMYK	0.34, 0.00, 0.04, 0.32
HSL	173°, 26%, 56%
HSV	173°, 34%, 68%
XYZ	28.7659, 36.2177, 41.5510
YIQ	154.5610, -32.9170, -14.6850

Conversions

Conversions Part 2

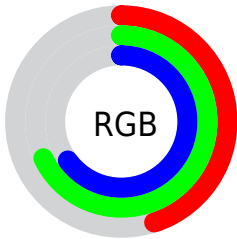
Format	Color
RYB	114, 145, 173
Decimal	7515558
CIELab	66.69, -20.71, -2.51
CIElCh	67, 20.857, 186.900
Yxy	36.2177, 0.2700, 0.3400
Android (android.graphics.Color)	4285705638 (0xFF72ADA6)
YUV	154.5610, 5.6394, -35.5720
Hunter-Lab	60.1811, -19.9960, 1.1911

Details

The XYZ color **28.7659, 36.2177, 41.5510** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.7033, 22.3003, 20.9874**, and the grayscale version is **30.9490, 32.5607, 35.4586**.

A 20% lighter version of the original color is **57.2189, 69.5839, 78.8219**, and **11.7403, 15.6720, 18.3258** is the 20% darker color. If you saturate the color by 10%, you get **26.5384, 35.0919, 40.4721**, and if you desaturate by 10%, it is **31.4241, 37.5670, 42.6673**.

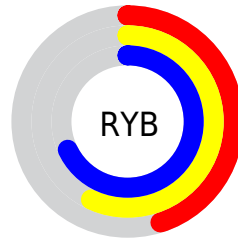
Distribution



Red (45%)

Green (68%)

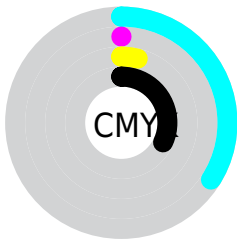
Blue (65%)



Red (45%)

Yellow (57%)

Blue (68%)

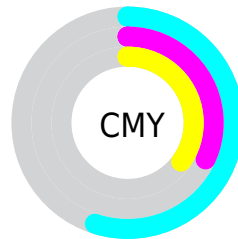


Cyan (34%)

Magenta (0%)

Yellow (4%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7659, 36.2177, 41.5510 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 28.7659, 36.2177, 41.5510 by changing the saturation by 10% instead.

■ 28.7659, 36.2177,
41.5510

■ 28.7659, 36.2177,
41.5510

288.1230,
329.9111, 368.3629

■ 19.0472, 24.6024,
28.4269

■ 57.1051, 69.3679,
78.7824

■ 11.8086, 15.7811,
18.4059

■ 76.4563, 91.6717,
103.7267

■ 6.6847, 9.3694,
11.0693

■ 99.7490, 118.3070,
133.4483

■ 3.3103, 4.9829,
5.9987

127.3486,
149.6582, 168.3656

■ 1.3199, 2.2372,
2.7755

159.6204,
186.1099, 208.8972

■ 0.1980, 0.7402,
0.9812

196.9299,

■ 0.0000, 0.0000,

228.0463, 255.4615

0.0000

239.6423,
275.8519, 308.4773

■ 28.7659, 36.2177,
41.5510

■ 28.7659, 36.2177,
41.5510

■ 26.5384, 35.0919,
40.4721

■ 31.4241, 37.5670,
42.6673

■ 24.7144, 34.1728,
39.4270

■ 34.5321, 39.1470,
43.8196

■ 23.2685, 33.4483,
38.4151

■ 38.1116, 40.9696,
45.0099

■ 22.1710, 32.9031,
37.4349

■ 42.1819, 43.0450,
46.2390

■ 21.3879, 32.5196,
36.4849

■ 46.7613, 45.3824,
47.5080

■ 20.8782, 32.2767,
35.5631

■ 51.8671, 47.9908,
48.8176

■ 20.6504, 32.1709,
35.0301

■ 57.5159, 50.8788,
50.1687

■ 63.7234, 54.0545,
51.5622

■ 64.8863, 54.6292,
52.7359

Harmonies

Analogous

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



29.1587, 36.2177, 33.0266



28.7659, 36.2177, 41.5510



29.8136, 36.2177, 50.7667

Triad

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



28.7659, 36.2177, 41.5510



38.1815, 36.2177, 54.9585



36.8498, 36.2177, 25.5608

Complementary

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



28.7659, 36.2177, 41.5510



26.7033, 22.3003, 20.9874

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.



39.4865, 36.2177, 29.9289



28.7659, 36.2177, 41.5510



40.2874, 36.2177, 46.6228

Square

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



28.7659, 36.2177, 41.5510



35.1550, 36.2177, 59.2343



40.7789, 36.2177, 37.3919



33.7029, 36.2177, 24.6269

Rectangle

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



28.7659, 36.2177, 41.5510



31.2278, 36.2177, 55.7839



40.7789, 36.2177, 37.3919



37.8308, 36.2177, 26.6400

Sweetspot

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



28.7669, 36.2192, 41.5518



64.2592, 71.3374, 79.3052



25.9891, 35.2313, 21.3508



13.7804, 15.4093, 17.1723



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.



28.7669, 36.2192, 41.5518



48.4125, 63.2927, 72.9368



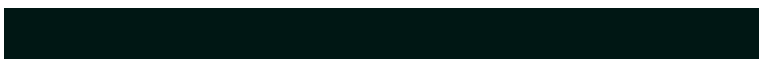
25.6090, 28.8471, 43.7551



8.1948, 9.0555, 10.0507



15.1840, 23.6389, 25.8065



0.4337, 0.6621, 0.7774

Inverse Universe

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



26.7033, 22.3003, 20.9874



44.1515, 34.5141, 30.4466



29.0246, 27.6055, 19.7188



8.0425, 8.0302, 8.5345



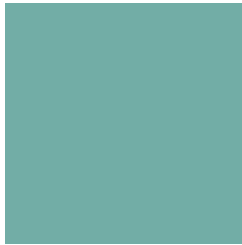
12.7686, 6.5700, 1.1612



0.3671, 0.1875, 0.0951

Previews

White Background



This preview shows how the XYZ color 28.7659, 36.2177, 41.5510 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 28.7659, 36.2177, 41.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

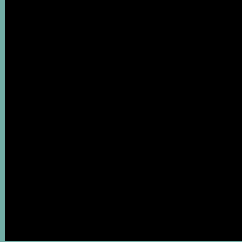
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7659, 36.2177, 41.5510

Background



This preview shows how black text looks on a background with the XYZ color 28.7659, 36.2177, 41.5510.

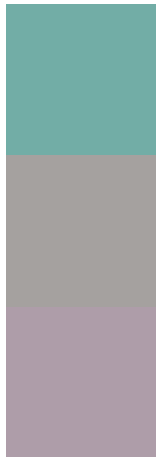


This preview shows how white text looks on a background with the XYZ color 28.7659, 36.2177,

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

28.7659, 36.2177, 41.5510

Protanopia

34.5199, 35.9923, 37.9287

Deuteranopia

36.6740, 35.9772, 42.5475



Tritanopia

30.4977, 36.0617, 50.7006

Trichromacy



Original Color

28.7659, 36.2177, 41.5510

Protanomaly

31.8308, 35.6299, 39.3820

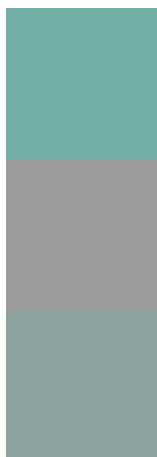
Deuteranomaly

33.1140, 35.6969, 42.1907

Tritanomaly

29.8348, 36.0821, 46.9870

Monochromacy



Original Color

28.7659, 36.2177, 41.5510

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9936, 33.9193, 37.7671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7659, 36.2177, 41.5510 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, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(114, 173, 166)  
}
```

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, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.7659, 36.2177, 41.5510 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, 173, 166) }
```


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

```
.border{ border-color:rgb(114, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(114, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7659, 36.2177, 41.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 173, 166) }
```

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

```
.background{ background-color: rgb(114,  
173, 166) }
```

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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