

Converting Colors

XYZ(28.7244, 35.6310, 36.4137)

Have a look what the booklet for
XYZ(28.7244, 35.6310, 36.4137)
contains.

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Color

**XYZ(28.7915, 35.7775,
36.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAB9B
RGB	124, 171, 155
RGB Percent	49%, 67%, 61%
CMY	0.5137, 0.3294, 0.3922
CMYK	0.27, 0.00, 0.09, 0.33
HSL	160°, 22%, 58%
HSV	160°, 27%, 67%
XYZ	28.7915, 35.7775, 36.3986
YIQ	155.1230, -22.8760, -14.9400

Conversions

Conversions Part 2

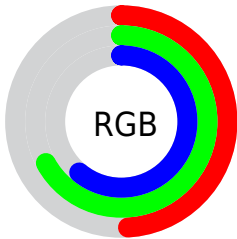
Format	Color
RYB	124, 152, 171
Decimal	8170395
CIELab	66.35, -19.16, 3.18
CIELCh	66, 19.418, 170.583
Yxy	35.7775, 0.2852, 0.3543
Android (android.graphics.Color)	4286360475 (0xFF7CAB9B)
YUV	155.1230, -0.0606, -27.2949
Hunter-Lab	59.8143, -18.7544, 5.7905

Details

The XYZ color **28.7915, 35.7775, 36.3986** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.7371, 24.9676, 28.1171**, and the grayscale version is **31.2185, 32.8443, 35.7674**.

A 20% lighter version of the original color is **57.0651, 68.4611, 70.5283**, and **11.8432, 15.6096, 15.4855** is the 20% darker color. If you saturate the color by 10%, you get **26.0543, 34.4225, 33.7799**, and if you desaturate by 10%, it is **31.9829, 37.3658, 39.1632**.

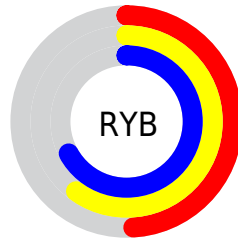
Distribution



Red (49%)

Green (67%)

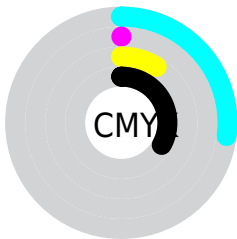
Blue (61%)



Red (49%)

Yellow (60%)

Blue (67%)

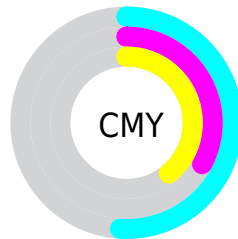


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7915, 35.7775, 36.3986 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 28.7915, 35.7775, 36.3986 by changing the saturation by 10% instead.

■ 28.7915, 35.7775,
36.3986

■ 28.7915, 35.7775,
36.3986

288.2419,
327.9870, 345.7894

■ 19.0666, 24.2624,
24.4501

■ 57.1455, 68.6885,
70.8228

■ 11.8227, 15.5284,
15.4525

■ 76.5054, 90.8532,
94.1356

■ 6.6944, 9.1911,
8.9875

■ 99.8076, 117.3366,
122.0735

■ 3.3164, 4.8660,
4.6363

127.4176,
148.5230, 155.0551

■ 1.3232, 2.1689,
1.9805

159.7006,
184.7968, 193.4990

■ 0.2005, 0.7029,
0.5433

197.0221,

■ 0.0000, 0.0000,

226.5425, 237.8236

0.0000

239.7474,
274.1444, 288.4476

■ 28.7915, 35.7775,
36.3986

■ 28.7915, 35.7775,
36.3986

■ 26.0543, 34.4225,
33.7799

■ 31.9829, 37.3658,
39.1632

■ 23.7457, 33.2849,
31.3018

■ 35.6463, 39.1937,
42.0739

■ 21.8425, 32.3535,
28.9624

■ 39.8022, 41.2727,
45.1341

■ 20.3175, 31.6145,
26.7584

■ 44.4690, 43.6123,
48.3462

■ 19.1403, 31.0523,
24.6868

■ 49.6642, 46.2214,
51.7126

■ 18.2757, 30.6487,
22.7439

■ 55.4043, 49.1085,
55.2357

■ 17.6688, 30.3754,
20.9253

■ 61.7052, 52.2818,
58.9178

■ 17.5320, 30.3145,
20.4862

■ 66.4142, 54.6314,
62.6595

■ 67.1150, 54.9117,
66.3494

Harmonies

Analogous

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



29.8735, 35.7775, 29.6627



28.7915, 35.7775, 36.3986



29.0438, 35.7775, 44.8494

Triad

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



28.7915, 35.7775, 36.3986



36.0055, 35.7775, 55.9162



37.6736, 35.7775, 27.8664

Complementary

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



28.7915, 35.7775, 36.3986



28.7371, 24.9676, 28.1171

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.



39.5022, 35.7775, 33.6022



28.7915, 35.7775, 36.3986



38.5018, 35.7775, 50.0112

Square

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



28.7915, 35.7775, 36.3986



33.1005, 35.7775, 56.9468



39.8137, 35.7775, 41.6297



34.9268, 35.7775, 25.2194

Rectangle

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



28.7915, 35.7775, 36.3986



29.9406, 35.7775, 50.3063



39.8137, 35.7775, 41.6297



38.4225, 35.7775, 29.4553

Sweetspot

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



28.7925, 35.7790, 36.3994



63.3811, 69.9626, 74.9989



29.0934, 36.1973, 24.5227



13.9079, 15.4889, 16.5503



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.



28.7925, 35.7790, 36.3994



48.4796, 62.5464, 62.2956



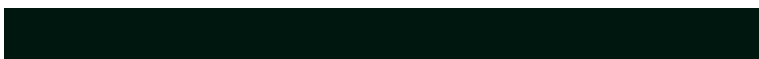
28.9305, 33.7598, 43.5213



8.1187, 9.0250, 9.6500



13.2413, 22.8618, 15.5764



0.3926, 0.6457, 0.5610

Inverse Universe

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



28.7371, 24.9676, 28.1171



48.3664, 39.9260, 44.9796



28.5568, 26.3602, 22.6523



8.1136, 8.0587, 8.9089



13.2631, 6.7678, 3.7650



0.3950, 0.1987, 0.2419

Previews

White Background



This preview shows how the XYZ color 28.7915, 35.7775, 36.3986 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 28.7915, 35.7775, 36.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

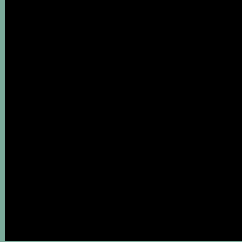
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7915, 35.7775, 36.3986

Background



This preview shows how black text looks on a background with the XYZ color 28.7915, 35.7775, 36.3986.

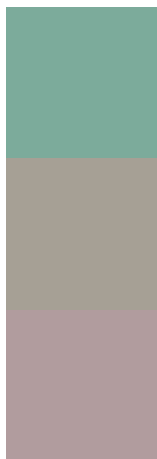


This preview shows how white text looks on a background with the XYZ color 28.7915, 35.7775,

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

28.7915, 35.7775, 36.3986

Protanopia

33.7215, 35.4185, 33.4929

Deuteranopia

36.1915, 35.5927, 37.3103



Tritanopia

31.2125, 35.6408, 48.9503

Trichromacy



Original Color

28.7915, 35.7775, 36.3986

Protanomaly

31.6239, 35.3646, 34.4374

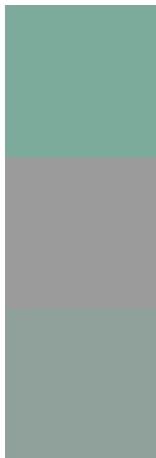
Deuteranomaly

32.9312, 35.1932, 36.9556

Tritanomaly

30.2014, 35.4958, 44.2893

Monochromacy



Original Color

28.7915, 35.7775, 36.3986

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.1629, 33.7856, 35.9419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7915, 35.7775, 36.3986 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(124, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(124, 171, 155)  
}
```

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(124, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 171, 155) }
```

Border

The CSS property to change the border of an element to XYZ 28.7915, 35.7775, 36.3986 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(124, 171, 155) }
```


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

```
.border{ border-color:rgb(124, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(124, 171,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7915, 35.7775, 36.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 171, 155) }
```

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

```
.background{ background-color: rgb(124,  
171, 155) }
```

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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