

Converting Colors

XYZ(28.8927, 35.3238, 38.2359)

Have a look what the booklet for
XYZ(28.8927, 35.3238, 38.2359)
contains.

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Color

**XYZ(28.7582, 35.1642,
38.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA99F
RGB	124, 169, 159
RGB Percent	49%, 66%, 62%
CMY	0.5137, 0.3372, 0.3765
CMYK	0.27, 0.00, 0.06, 0.34
HSL	167°, 21%, 57%
HSV	167°, 27%, 66%
XYZ	28.7582, 35.1642, 38.0725
YIQ	154.4050, -23.6100, -12.6500

Conversions

Conversions Part 2

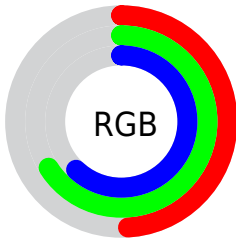
Format	Color
RYB	124, 149, 169
Decimal	8169887
CIELab	65.88, -17.25, 0.27
CIELCh	66, 17.248, 179.119
Yxy	35.1642, 0.2820, 0.3448
Android (android.graphics.Color)	4286359967 (0xFF7CA99F)
YUV	154.4050, 2.2653, -26.6652
Hunter-Lab	59.2994, -17.2075, 3.4431

Details

The XYZ color **28.7582, 35.1642, 38.0725** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.8742, 24.5726, 25.8297**, and the grayscale version is **30.8917, 32.5005, 35.3931**.

A 20% lighter version of the original color is **57.1534, 67.6313, 73.6602**, and **11.8157, 15.2218, 16.5027** is the 20% darker color. If you saturate the color by 10%, you get **26.2012, 33.8841, 36.2776**, and if you desaturate by 10%, it is **31.7457, 36.6670, 39.9408**.

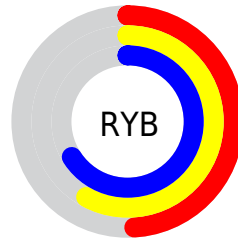
Distribution



Red (49%)

Green (66%)

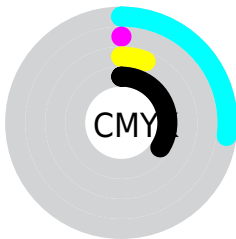
Blue (62%)



Red (49%)

Yellow (58%)

Blue (66%)

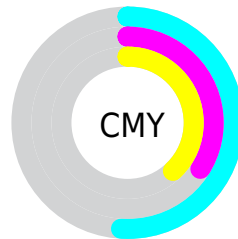


Cyan (27%)

Magenta (0%)

Yellow (6%)

Black (34%)



Cyan (51%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7582, 35.1642, 38.0725 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 28.7582, 35.1642, 38.0725 by changing the saturation by 10% instead.

■ 28.7582, 35.1642,
38.0725

■ 28.7582, 35.1642,
38.0725

288.0872,
325.2925, 353.2384

■ 19.0413, 23.7894,
25.7367

■ 57.0929, 67.7401,
73.4239

■ 11.8043, 15.1775,
16.4028

■ 76.4415, 89.7099,
97.2766

■ 6.6818, 8.9440,
9.6522

■ 99.7313, 115.9802,
125.8053

■ 3.3085, 4.7047,
5.0664

127.3278,
146.9354, 159.4286

■ 1.3189, 2.0751,
2.2268

159.5963,
182.9598, 198.5650

■ 0.1973, 0.6505,
0.6898

196.9021,

■ 0.0000, 0.0000,

224.4379, 243.6331

0.0000

239.6106,
271.7540, 295.0514

■ 28.7582, 35.1642,
38.0725

■ 28.7582, 35.1642,
38.0725

■ 26.2012, 33.8841,
36.2776

■ 31.7457, 36.6670,
39.9408

■ 24.0503, 32.8112,
34.5522

■ 35.1806, 38.3983,
41.8814

■ 22.2832, 31.9350,
32.8956

■ 39.0825, 40.3693,
43.8965

■ 20.8742, 31.2424,
31.3061

■ 43.4691, 42.5890,
45.9874

■ 19.7942, 30.7182,
29.7819

■ 48.3570, 45.0658,
48.1551

■ 19.0098, 30.3454,
28.3208

■ 53.7620, 47.8081,
50.4010

■ 18.4733, 30.0993,
26.9204

■ 59.6994, 50.8236,
52.7261

■ 18.3152, 30.0278,
26.4600

■ 64.6195, 53.3135,
55.0583

■ 65.0328, 53.4788,
57.2348

Harmonies

Analogous

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



29.3907, 35.1642, 31.5269



28.7582, 35.1642, 38.0725



29.3216, 35.1642, 45.5315

Triad

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



28.7582, 35.1642, 38.0725



35.8644, 35.1642, 51.9038



36.0013, 35.1642, 27.4618

Complementary

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



28.7582, 35.1642, 38.0725



27.8742, 24.5726, 25.8297

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.



37.8890, 35.1642, 31.8563



28.7582, 35.1642, 38.0725



37.8071, 35.1642, 45.9523

Square

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



28.7582, 35.1642, 38.0725



33.3472, 35.1642, 54.1049



38.5657, 35.1642, 38.5040



33.4979, 35.1642, 25.8996

Rectangle

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



28.7582, 35.1642, 38.0725



30.3167, 35.1642, 49.9094



38.5657, 35.1642, 38.5040



36.7335, 35.1642, 28.6268

Sweetspot

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



28.7592, 35.1656, 38.0733



62.0183, 68.2692, 74.4688



27.7386, 34.9422, 24.3521



13.3145, 14.7774, 16.1193



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.7592, 35.1656, 38.0733



48.6903, 61.5663, 66.2570



27.5317, 31.2649, 42.1214



7.6751, 8.5031, 9.2753



13.6703, 22.3869, 19.8285



0.3498, 0.5516, 0.5730

Inverse Universe

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



27.8742, 24.5726, 25.8297



46.8370, 39.3473, 40.5908



28.8056, 27.4997, 22.8593



7.5969, 7.5686, 8.1943



12.4674, 6.3957, 2.0069



0.3215, 0.1629, 0.1447

Previews

White Background



This preview shows how the XYZ color 28.7582, 35.1642, 38.0725 looks on a white background.

Color Contrast Check

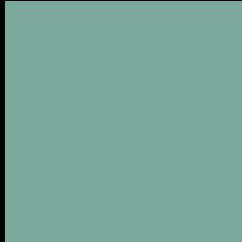
Large Text (above 18pt) WCAG AA × Fail

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 28.7582, 35.1642, 38.0725 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

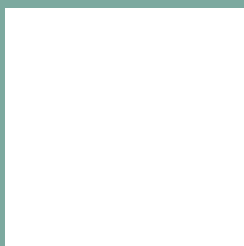
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7582, 35.1642, 38.0725

Background



This preview shows how black text looks on a background with the XYZ color 28.7582, 35.1642, 38.0725.



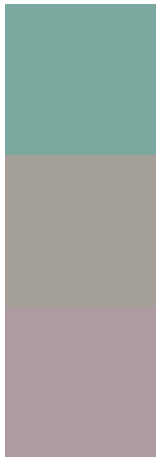
This preview shows how white text looks on a background with the XYZ color 28.7582, 35.1642,

38.0725.

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

28.7582, 35.1642, 38.0725

Protanopia

33.4577, 34.9887, 35.1271

Deuteranopia

35.6985, 35.0500, 39.0662



Tritanopia

30.6750, 35.1163, 47.8092

Trichromacy



Original Color

28.7582, 35.1642, 38.0725

Protanomaly

31.4080, 34.9505, 36.1011

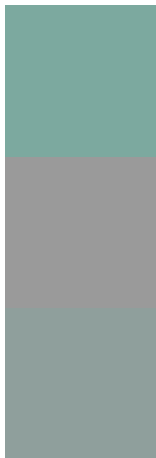
Deuteranomaly

32.7141, 34.7827, 38.7077

Tritanomaly

30.0175, 35.1280, 44.2280

Monochromacy



Original Color

28.7582, 35.1642, 38.0725

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.7266, 33.0362, 36.2624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7582, 35.1642, 38.0725 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, 169, 159)` looks like.

```
.text, #text, p{  
    color:rgb(124, 169, 159)  
}
```

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, 169, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 169, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.7582, 35.1642, 38.0725 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, 169, 159) }
```


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

```
.border{ border-color:rgb(124, 169, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 169, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 169, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 169, 159);  
box-shadow:4px 4px 4px 4px rgb(124, 169,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7582, 35.1642, 38.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 169, 159) }
```

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

```
.background{ background-color: rgb(124,  
169, 159) }
```

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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