

Converting Colors

XYZ(25.8372, 35.6607, 37.5660)

Have a look what the booklet for
XYZ(25.8372, 35.6607, 37.5660)
contains.

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Color

**XYZ(25.8276, 35.6586,
37.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	5AB09D
RGB	90, 176, 157
RGB Percent	35%, 69%, 62%
CMY	0.6470, 0.3098, 0.3843
CMYK	0.49, 0.00, 0.11, 0.31
HSL	167°, 35%, 52%
HSV	167°, 49%, 69%
XYZ	25.8276, 35.6586, 37.4198
YIQ	148.1200, -45.1570, -24.1410

Conversions

Conversions Part 2

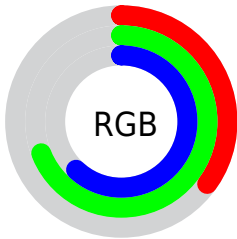
Format	Color
RYB	90, 138, 176
Decimal	5943453
CIELab	66.26, -30.71, 1.73
CIELCh	66, 30.754, 176.769
Yxy	35.6586, 0.2611, 0.3605
Android (android.graphics.Color)	4284133533 (0xFF5AB09D)
YUV	148.1200, 4.3778, -50.9712
Hunter-Lab	59.7148, -27.2969, 4.6468

Details

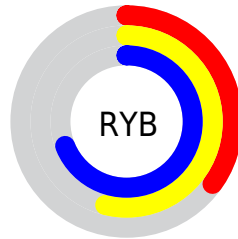
The XYZ color **25.8276, 35.6586, 37.4198** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.3222, 17.6476, 16.5939**, and the grayscale version is **28.1950, 29.6634, 32.3034**.

A 20% lighter version of the original color is **52.2915, 68.4361, 72.0815**, and **10.2199, 15.4825, 16.0855** is the 20% darker color. If you saturate the color by 10%, you get **23.9876, 34.7487, 35.6286**, and if you desaturate by 10%, it is **28.0855, 36.7845, 39.2873**.

Distribution



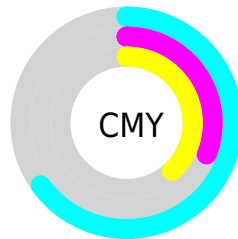
- Red (35%)
- Green (69%)
- Blue (62%)



- Red (35%)
- Yellow (54%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8276, 35.6586, 37.4198 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 25.8276, 35.6586, 37.4198 by changing the saturation by 10% instead.

■ 25.8276, 35.6586,
37.4198

■ 25.8276, 35.6586,
37.4198

274.2070,
327.4659, 350.3477

■ 16.8267, 24.1706,
25.2344

■ 52.4300, 68.5048,
72.4115

■ 10.2056, 15.4603,
16.0311

■ 70.7622, 90.6318,
96.0548

■ 5.5988, 9.1430,
9.3916

■ 92.9355, 117.0740,
124.3545

■ 2.6410, 4.8346,
4.8972

■ 119.3154,
148.2157, 157.7292

■ 0.9669, 2.1505,
2.1294

150.2671,
184.4414, 196.5973

■ 0.0000, 0.6928,
0.6332

186.1561,

■ 0.0000, 0.0000,

226.1353, 241.3774

0.0000

227.3476,
273.6821, 292.4880

■ 25.8276, 35.6586,
37.4198

■ 25.8276, 35.6586,
37.4198

■ 23.9876, 34.7487,
35.6286

■ 28.0855, 36.7845,
39.2873

■ 22.5334, 34.0356,
33.9094

■ 30.7846, 38.1357,
41.2303

■ 21.4329, 33.5036,
32.2609


■ 33.9500, 39.7261,
43.2513


■ 20.6474, 33.1328,
30.6807

■ 37.6041, 41.5672,
45.3518


■ 20.1064, 32.8869,
29.1651


■ 41.7678, 43.6696,
47.5334

 20.0495, 32.8613,
28.9963

 46.4606, 46.0436,
49.7972

 51.7013, 48.6988,
52.1448

 57.5074, 51.6441,
54.5774

 63.8960, 54.8884,
57.0963

Harmonies

Analogous

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



27.0376, 35.6586, 26.5640



25.8276, 35.6586, 37.4198



26.6123, 35.6586, 51.3494

Triad

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



25.8276, 35.6586, 37.4198



38.0218, 35.6586, 66.0252



38.9590, 35.6586, 21.2992

Complementary

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



25.8276, 35.6586, 37.4198



24.3222, 17.6476, 16.5939

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.



42.3922, 35.6586, 28.5250



25.8276, 35.6586, 37.4198



41.8177, 35.6586, 54.3781

Square

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



25.8276, 35.6586, 37.4198



33.3977, 35.6586, 69.8979



43.4824, 35.6586, 40.2673



34.3920, 35.6586, 18.6740

Rectangle

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



25.8276, 35.6586, 37.4198



28.2034, 35.6586, 60.2898



43.4824, 35.6586, 40.2673



40.2992, 35.6586, 23.1777

Sweetspot

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



25.8286, 35.6600, 37.4206



63.8535, 73.1961, 79.7954



23.8106, 35.1095, 15.1955



13.5527, 15.7191, 17.1249



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.8286, 35.6600, 37.4206



43.1603, 62.8511, 64.2446



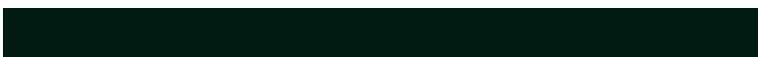
23.4562, 28.1138, 45.2660



8.6607, 9.5988, 10.4728



14.7327, 24.1191, 21.3930



0.4835, 0.7669, 0.7781

Inverse Universe

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



24.3222, 17.6476, 16.5939



40.1229, 26.2183, 22.0190



25.6488, 21.7648, 12.5228



8.5707, 8.5350, 9.2377



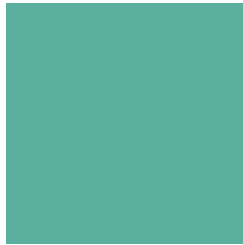
13.4228, 6.8867, 2.1205



0.4442, 0.2254, 0.1819

Previews

White Background



This preview shows how the XYZ color 25.8276, 35.6586, 37.4198 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 25.8276, 35.6586, 37.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

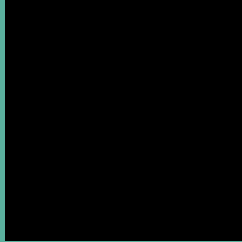
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8276, 35.6586, 37.4198

Background



This preview shows how black text looks on a background with the XYZ color 25.8276, 35.6586, 37.4198.

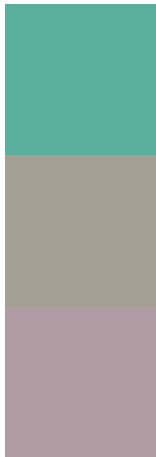


This preview shows how white text looks on a background with the XYZ color 25.8276, 35.6586,

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

25.8276, 35.6586, 37.4198

Protanopia

33.6420, 35.3867, 33.0742

Deuteranopia

35.8336, 35.1299, 38.6103



Tritanopia

28.7610, 35.7029, 51.8298

Trichromacy



Original Color

25.8276, 35.6586, 37.4198

Protanomaly

29.7034, 34.9101, 34.4509

Deuteranomaly

30.9440, 34.6617, 38.3172

Tritanomaly

27.5053, 35.4691, 45.9540

Monochromacy



Original Color

25.8276, 35.6586, 37.4198

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.5652, 31.2001, 33.9002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8276, 35.6586, 37.4198 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(90, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(90, 176, 157)  
}
```

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(90, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 176, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.8276, 35.6586, 37.4198 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(90, 176, 157) }
```


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

```
.border{ border-color:rgb(90, 176, 157) }
```

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

Here you see how a box with a 4 pixel rgb(90, 176, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(90, 176,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8276, 35.6586, 37.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 176, 157) }
```

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

```
.background{ background-color: rgb(90, 176,  
157) }
```

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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