

Converting Colors

XYZ(25.1401, 30.1762, 34.1986)

Have a look what the booklet for
XYZ(25.1401, 30.1762, 34.1986)
contains.

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Color

**XYZ(25.1957, 30.2325,
34.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	769D98
RGB	118, 157, 152
RGB Percent	46%, 62%, 60%
CMY	0.5372, 0.3843, 0.4039
CMYK	0.25, 0.00, 0.03, 0.38
HSL	172°, 17%, 54%
HSV	172°, 25%, 62%
XYZ	25.1957, 30.2325, 34.2133
YIQ	144.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

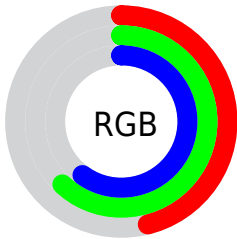
Format	Color
RYB	118, 139, 157
Decimal	7773592
CIELab	61.85, -14.39, -1.74
CIElCh	62, 14.491, 186.888
Yxy	30.2325, 0.2811, 0.3373
Android (android.graphics.Color)	4285963672 (0xFF769D98)
YUV	144.7690, 3.5649, -23.4764
Hunter-Lab	54.9841, -14.4270, 1.5963

Details

The XYZ color **25.1957, 30.2325, 34.2133** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9593, 21.5559, 21.6380**, and the grayscale version is **26.8129, 28.2093, 30.7199**.

A 20% lighter version of the original color is **51.4786, 60.2011, 67.2993**, and **9.8869, 12.4766, 14.1990** is the 20% darker color. If you saturate the color by 10%, you get **23.0753, 29.1591, 33.2610**, and if you desaturate by 10%, it is **27.6756, 31.4925, 35.1983**.

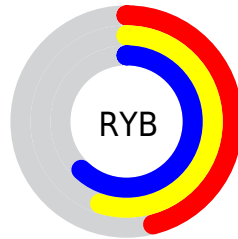
Distribution



Red (46%)

Green (62%)

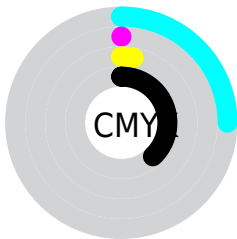
Blue (60%)



Red (46%)

Yellow (55%)

Blue (62%)

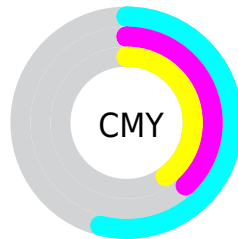


Cyan (25%)

Magenta (0%)

Yellow (3%)

Black (38%)



Cyan (54%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1957, 30.2325, 34.2133 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 25.1957, 30.2325, 34.2133 by changing the saturation by 10% instead.

■ 25.1957, 30.2325,
34.2133

■ 25.1957, 30.2325,
34.2133

271.1408,
302.9867, 335.8802

■ 16.3524, 20.0151,
22.7788

■ 51.4151, 60.0297,
67.4029

■ 9.8663, 12.4060,
14.2265

■ 69.5220, 80.3783,
89.9951

■ 5.3720, 7.0208,
8.1378

■ 91.4475, 104.8727,
117.1437

■ 2.5041, 3.4751,
4.0942

117.5568,
133.8974, 149.2671

■ 0.8973, 1.3845,
1.6772

148.2155,
167.8368, 186.7839

■ 0.0000, 0.2053,
0.3450

183.7888,

■ 0.0000, 0.0000,

207.0752, 230.1127

0.0000

224.6422,
251.9970, 279.6720

■ 25.1957, 30.2325,
34.2133

■ 25.1957, 30.2325,
34.2133

■ 23.0753, 29.1591,
33.2610

■ 27.6756, 31.4925,
35.1983

■ 21.2941, 28.2594,
32.3385

■ 30.5287, 32.9438,
36.2148

■ 19.8340, 27.5250,
31.4455

■ 33.7711, 34.5954,
37.2643

■ 18.6741, 26.9449,
30.5810

■ 37.4175, 36.4550,
38.3476

■ 17.7908, 26.5072,
29.7437

■ 41.4814, 38.5295,
39.4653

■ 17.1572, 26.1978,
28.9324

■ 45.9760, 40.8257,
40.6181

■ 16.7395, 25.9995,
28.1453

■ 50.9138, 43.3500,
41.8066

■ 16.5634, 25.9174,
27.7466

■ 56.3067, 46.1087,
43.0316

■ 60.5649, 48.2820,
44.2187

Harmonies

Analogous

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



25.4456, 30.2325, 28.9083



25.1957, 30.2325, 34.2133



25.8595, 30.2325, 39.7409

Triad

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



25.1957, 30.2325, 34.2133



31.0279, 30.2325, 42.2019



30.2211, 30.2325, 24.0542

Complementary

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



25.1957, 30.2325, 34.2133



23.9593, 21.5559, 21.6380

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.



31.8163, 30.2325, 26.9246



25.1957, 30.2325, 34.2133



32.2965, 30.2325, 37.2824

Square

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



25.1957, 30.2325, 34.2133



29.1839, 30.2325, 44.6766



32.5913, 30.2325, 31.6559



28.2909, 30.2325, 23.4281

Rectangle

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



25.1957, 30.2325, 34.2133



26.7492, 30.2325, 42.6793



32.5913, 30.2325, 31.6559



30.8169, 30.2325, 24.7716

Sweetspot

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



25.1966, 30.2337, 34.2140



53.4388, 58.3691, 64.4317



23.5249, 29.6489, 21.6230



11.6978, 12.8126, 14.1565



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.1966, 30.2337, 34.2140



42.8670, 52.9999, 60.2854



23.3354, 25.8419, 35.6578



6.7852, 7.4948, 8.3036



13.4614, 21.0525, 22.5843



0.2499, 0.3801, 0.4525

Inverse Universe

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



23.9593, 21.5559, 21.6380



40.2517, 34.6453, 33.6946



25.4677, 25.0611, 20.6351



6.6660, 6.6593, 7.0921



11.4049, 5.8665, 1.1171



0.2127, 0.1084, 0.0661

Previews

White Background



This preview shows how the XYZ color 25.1957, 30.2325, 34.2133 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 25.1957, 30.2325, 34.2133 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

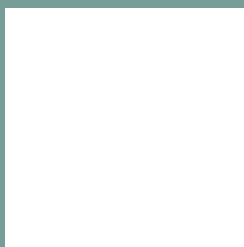
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1957, 30.2325, 34.2133

Background



This preview shows how black text looks on a background with the XYZ color 25.1957, 30.2325, 34.2133.



This preview shows how white text looks on a background with the XYZ color 25.1957, 30.2325,

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

25.1957, 30.2325, 34.2133

Protanopia

28.8053, 29.9618, 31.8688

Deuteranopia

30.5876, 29.8901, 35.1676



Tritanopia

26.5816, 30.2977, 41.0063

Trichromacy



Original Color

25.1957, 30.2325, 34.2133

Protanomaly

27.3066, 29.8786, 32.7617

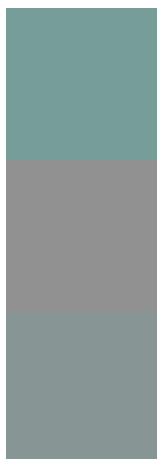
Deuteranomaly

28.2572, 29.8477, 34.8437

Tritanomaly

26.1558, 30.3786, 38.6675

Monochromacy



Original Color

25.1957, 30.2325, 34.2133

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0844, 28.7839, 32.1980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1957, 30.2325, 34.2133 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(118, 157, 152)` looks like.

```
.text, #text, p{  
    color:rgb(118, 157, 152)  
}
```

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(118, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 157, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.1957, 30.2325, 34.2133 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(118, 157, 152) }
```


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

```
.border{ border-color:rgb(118, 157, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 157, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(118, 157,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1957, 30.2325, 34.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 157, 152) }
```

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

```
.background{ background-color: rgb(118,  
157, 152) }
```

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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