

Converting Colors

XYZ(25.6194, 36.0373, 14.8370)

Have a look what the booklet for
XYZ(25.6194, 36.0373, 14.8370)
contains.

| | |
|--|----|
| XYZ(25.5990, 36.0403, 14.8398) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(25.5990, 36.0403,
14.8398)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7CB058 |
| RGB | 124, 176, 88 |
| RGB Percent | 49%, 69%, 35% |
| CMY | 0.5137, 0.3098, 0.6549 |
| CMYK | 0.30, 0.00, 0.50, 0.31 |
| HSL | 95°, 36%, 52% |
| HSV | 95°, 50%, 69% |
| XYZ | 25.5990, 36.0403, 14.8398 |
| YIQ | 150.4200, -2.7440, -38.3920 |

Conversions

Conversions Part 2

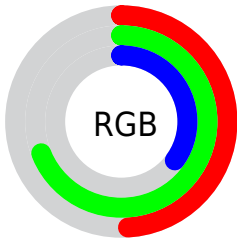
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 88, 176, 140 |
| Decimal | 8171608 |
| CIELab | 66.55, -32.92, 39.40 |
| CIELCh | 67, 51.349, 129.881 |
| Yxy | 36.0403, 0.3347, 0.4712 |
| Android (android.graphics.Color) | 4286361688 (0xFF7CB058) |
| YUV | 150.4200, -30.7731, -23.1703 |
| Hunter-Lab | 60.0336, -28.9443, 27.3675 |

Details

The XYZ color **25.5990, 36.0403, 14.8398** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **22.1429, 15.6905, 42.9377**, and the grayscale version is **29.2965, 30.8222, 33.5654**.

A 20% lighter version of the original color is **52.1806, 69.1904, 35.4158**, and **10.1053, 15.6836, 4.3284** is the 20% darker color. If you saturate the color by 10%, you get **23.5318, 35.0500, 11.3862**, and if you desaturate by 10%, it is **28.0026, 37.1858, 19.2293**.

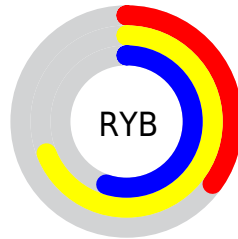
Distribution



Red (49%)

Green (69%)

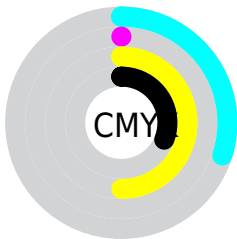
Blue (35%)



Red (35%)

Yellow (69%)

Blue (55%)

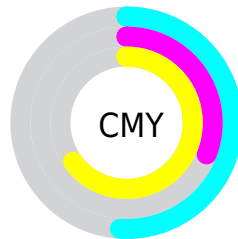


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5990, 36.0403, 14.8398 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 25.5990, 36.0403, 14.8398 by changing the saturation by 10% instead.


 25.5990, 36.0403,
14.8398


 25.5990, 36.0403,
14.8398


273.1010,
329.1367, 234.0018


 16.6550, 24.4653,
8.5617

 52.0633, 69.0943,
35.3102


 10.0826, 15.6792,
4.3635


 70.3142, 91.3420,
50.3396

 5.5164, 9.2974,
1.8268


 92.3982, 117.9162,
69.1231

 2.5912, 4.9357,
0.4456

 118.6806,
149.2011, 92.0793

 0.9415, 2.2096,
0.0000

149.5267,
185.5813, 119.6267

 0.0000, 0.7252,
0.0000

185.3019,

 0.0000, 0.0000,

227.4410, 152.1839

0.0000

226.3715,
275.1646, 190.1694

■ 25.5990, 36.0403,
14.8398

■ 25.5990, 36.0403,
14.8398

■ 23.5318, 35.0500,
11.3862

■ 28.0026, 37.1858,
19.2293

■ 21.7805, 34.2027,
8.7981

■ 30.7561, 38.4890,
24.6138

■ 20.3263, 33.4913,
6.9990


■ 33.8757, 39.9580,
31.0500


■ 19.1464, 32.9062,
5.8977


■ 37.3753, 41.5989,
38.5899


■ 18.1983, 32.4297,
5.3004


■ 41.2684, 43.4174,
47.2819

 18.1983, 32.4297,
5.3004

 45.5675, 45.4193,
57.1716

 50.2847, 47.6096,
68.3022

 55.4315, 49.9935,
80.7145

 61.0190, 52.5758,
94.4478

Harmonies

Analogous

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



31.7729, 36.0403, 10.5092



25.5990, 36.0403, 14.8398



22.1317, 36.0403, 26.3702

Triad

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



25.5990, 36.0403, 14.8398



29.4030, 36.0403, 94.1581



51.0410, 36.0403, 32.3955

Complementary

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



25.5990, 36.0403, 14.8398



22.1429, 15.6905, 42.9377

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.



50.1526, 36.0403, 55.7393



25.5990, 36.0403, 14.8398



36.8636, 36.0403, 97.7181

Square

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



25.5990, 36.0403, 14.8398



24.0886, 36.0403, 73.2601



44.6712, 36.0403, 81.6905



46.9424, 36.0403, 17.8228

Rectangle

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



25.5990, 36.0403, 14.8398



21.4623, 36.0403, 39.1533



44.6712, 36.0403, 81.6905



51.3284, 36.0403, 39.3303

Sweetspot

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



25.5999, 36.0419, 14.8406



64.3556, 73.8375, 62.5344



28.9483, 28.4980, 13.2080



13.6683, 15.8711, 12.9551



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.



25.5999, 36.0419, 14.8406



42.3168, 63.3928, 20.0851



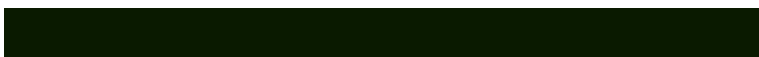
21.6317, 33.9593, 16.3214



8.7072, 9.6541, 9.0570



13.4148, 23.8257, 3.8918



0.4890, 0.7842, 0.1256

Inverse Universe

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



22.1429, 15.6905, 42.9377



35.2942, 22.2086, 76.9218



28.5258, 19.0626, 39.5500



8.5071, 8.4700, 10.6928



10.0065, 4.4943, 30.4771



0.3790, 0.1745, 0.9619

Previews

White Background



This preview shows how the XYZ color 25.5990, 36.0403, 14.8398 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 25.5990, 36.0403, 14.8398 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 25.5990, 36.0403, 14.8398

Background



This preview shows how black text looks on a background with the XYZ color 25.5990, 36.0403, 14.8398.



This preview shows how white text looks on a background with the XYZ color 25.5990, 36.0403,

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

25.5990, 36.0403, 14.8398

Protanopia

32.6663, 35.5792, 13.3294

Deuteranopia

36.3409, 35.6551, 15.5564



Tritanopia

32.2541, 35.9304, 47.8831

Trichromacy



Original Color

25.5990, 36.0403, 14.8398

Protanomaly

29.3765, 35.1974, 13.8398

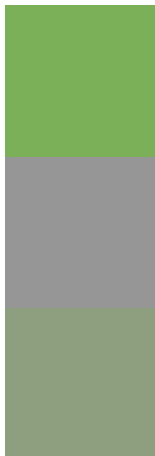
Deuteranomaly

31.4297, 35.1594, 15.2551

Tritanomaly

29.2359, 35.8113, 32.5655

Monochromacy



Original Color

25.5990, 36.0403, 14.8398

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.2134, 31.9913, 24.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5990, 36.0403, 14.8398 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, 176, 88)` looks like.

```
.text, #text, p{  
    color:rgb(124, 176, 88)  
}
```

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, 176, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 176, 88) }
```

Border

The CSS property to change the border of an element to XYZ 25.5990, 36.0403, 14.8398 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, 176, 88) }
```


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

```
.border{ border-color:rgb(124, 176, 88) }
```

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

Here you see how a box with a 4 pixel rgb(124, 176, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 176, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 176, 88);  
box-shadow:4px 4px 4px 4px rgb(124, 176,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5990, 36.0403, 14.8398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 176, 88) }
```

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

```
.background{ background-color: rgb(124,  
176, 88) }
```

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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