

Converting Colors

XYZ(25.3928, 35.1709, 15.5309)

Have a look what the booklet for
XYZ(25.3928, 35.1709, 15.5309)
contains.

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Color

**XYZ(25.3328, 35.0198,
15.5495)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAD5C
RGB	125, 173, 92
RGB Percent	49%, 68%, 36%
CMY	0.5098, 0.3216, 0.6392
CMYK	0.28, 0.00, 0.47, 0.32
HSL	96°, 33%, 52%
HSV	96°, 47%, 68%
XYZ	25.3328, 35.0198, 15.5495
YIQ	149.4140, -2.6070, -35.3670

Conversions

Conversions Part 2

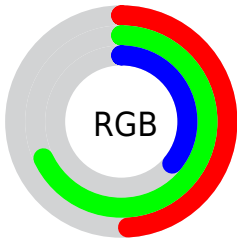
Format	Color
RYB	92, 173, 140
Decimal	8236380
CIELab	65.76, -30.66, 36.43
CIELCh	66, 47.615, 130.080
Yxy	35.0198, 0.3338, 0.4614
Android (android.graphics.Color)	4286426460 (0xFF7DAD5C)
YUV	149.4140, -28.3051, -21.4111
Hunter-Lab	59.1775, -27.1481, 25.8452

Details

The XYZ color **25.3328, 35.0198, 15.5495** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **22.1866, 16.2478, 41.5038**, and the grayscale version is **28.8588, 30.3617, 33.0639**.

A 20% lighter version of the original color is **51.6438, 67.6359, 36.7187**, and **9.9002, 15.0238, 4.6636** is the 20% darker color. If you saturate the color by 10%, you get **23.2412, 34.0203, 11.9448**, and if you desaturate by 10%, it is **27.7534, 36.1711, 20.0725**.

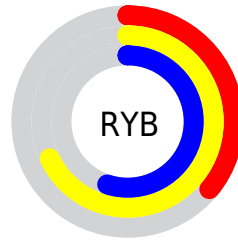
Distribution



Red (49%)

Green (68%)

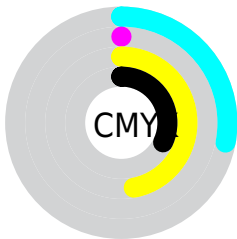
Blue (36%)



Red (36%)

Yellow (68%)

Blue (55%)

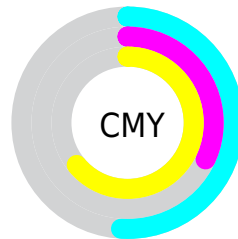


Cyan (28%)

Magenta (0%)

Yellow (47%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3328, 35.0198, 15.5495 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 25.3328, 35.0198, 15.5495 by changing the saturation by 10% instead.

■ 25.3328, 35.0198,
15.5495

■ 25.3328, 35.0198,
15.5495

271.8084,
324.6557, 238.4228

■ 16.4552, 23.6781,
9.0551

■ 51.6356, 67.5164,
36.5702

■ 9.9397, 15.0950,
4.6798

■ 69.7916, 89.4402,
51.9335

■ 5.4210, 8.8861,
2.0052

■ 91.7711, 115.6601,
71.0901

■ 2.5336, 4.6670,
0.5585

■ 117.9394,
146.5606, 94.4587

■ 0.9122, 2.0532,
0.0000

148.6619,
182.5260, 122.4577

■ 0.0000, 0.6381,
0.0000

184.3041,

■ 0.0000, 0.0000,

223.9407, 155.5057

0.0000

225.2311,
271.1891, 194.0212

■ 25.3328, 35.0198,
15.5495

■ 25.3328, 35.0198,
15.5495

■ 23.2412, 34.0203,
11.9448

■ 27.7534, 36.1711,
20.0725

■ 21.4595, 33.1608,
9.1932

■ 30.5156, 37.4763,
25.5685

■ 19.9700, 32.4350,
7.2246


■ 33.6345, 38.9430,
32.0908


■ 18.7522, 31.8340,
5.9564


■ 37.1234, 40.5771,
39.6880


■ 17.7783, 31.3461,
5.2713


■ 40.9950, 42.3840,
48.4055

 17.5047, 31.2085,
5.1013

 45.2611, 44.3690,
58.2864

 49.9332, 46.5370,
69.3713

 55.0221, 48.8929,
81.6988

 60.5385, 51.4413,
95.3060

Harmonies

Analogous

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



30.9795, 35.0198, 11.3380



25.3328, 35.0198, 15.5495



22.1444, 35.0198, 26.4232

Triad

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



25.3328, 35.0198, 15.5495



28.8970, 35.0198, 87.2119



48.4132, 35.0198, 31.7604

Complementary

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



25.3328, 35.0198, 15.5495



22.1866, 16.2478, 41.5038

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.



47.6483, 35.0198, 52.8679



25.3328, 35.0198, 15.5495



35.7027, 35.0198, 90.2239

Square

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



25.3328, 35.0198, 15.5495



23.9930, 35.0198, 68.8090



42.7489, 35.0198, 75.9922



44.7117, 35.0198, 18.2718

Rectangle

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



25.3328, 35.0198, 15.5495



21.5349, 35.0198, 38.1843



42.7489, 35.0198, 75.9922



48.6810, 35.0198, 38.0770

Sweetspot

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



25.3337, 35.0213, 15.5503



61.7803, 70.4668, 60.7880



28.4356, 28.1960, 14.0694



13.1529, 15.1858, 12.6231



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.



25.3337, 35.0213, 15.5503



41.5674, 60.8997, 21.3023



21.5984, 33.0601, 16.9853



8.2019, 9.0927, 8.5361



12.9207, 22.9579, 3.7503



0.4224, 0.6711, 0.1073

Inverse Universe

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



22.1866, 16.2478, 41.5038



35.2251, 23.1851, 73.4244



27.9680, 19.3018, 38.4500



8.0167, 7.9829, 10.0710



9.6765, 4.3483, 29.3738



0.3291, 0.1519, 0.8200

Previews

White Background



This preview shows how the XYZ color 25.3328, 35.0198, 15.5495 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 25.3328, 35.0198, 15.5495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

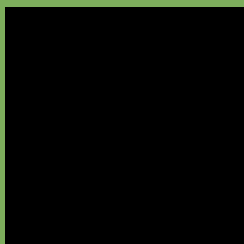
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3328, 35.0198, 15.5495

Background



This preview shows how black text looks on a background with the XYZ color 25.3328, 35.0198, 15.5495.



This preview shows how white text looks on a background with the XYZ color 25.3328, 35.0198,

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

25.3328, 35.0198, 15.5495

Protanopia

31.7976, 34.5984, 14.0191

Deuteranopia

35.3782, 34.6570, 16.1341



Tritanopia

31.5142, 34.7720, 46.6457

Trichromacy



Original Color

25.3328, 35.0198, 15.5495

Protanomaly

28.9833, 34.4403, 14.5713

Deuteranomaly

30.7848, 34.2927, 15.8231

Tritanomaly

28.6799, 34.6993, 32.3802

Monochromacy



Original Color

25.3328, 35.0198, 15.5495

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.9384, 31.5877, 25.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3328, 35.0198, 15.5495 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(125, 173, 92)` looks like.

```
.text, #text, p{  
    color:rgb(125, 173, 92)  
}
```

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(125, 173, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 173, 92) }
```

Border

The CSS property to change the border of an element to XYZ 25.3328, 35.0198, 15.5495 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(125, 173, 92) }
```


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

```
.border{ border-color:rgb(125, 173, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 173, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 173, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 173, 92);  
box-shadow:4px 4px 4px 4px rgb(125, 173,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3328, 35.0198, 15.5495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 173, 92) }
```

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

```
.background{ background-color: rgb(125,  
173, 92) }
```

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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