

Converting Colors

XYZ(25.4998, 35.9008, 5.6717)

Have a look what the booklet for
XYZ(25.4998, 35.9008, 5.6717)
contains.

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Color

**XYZ(25.4998, 35.9008,
5.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	88AF03
RGB	136, 175, 3
RGB Percent	53%, 69%, 1%
CMY	0.4667, 0.3137, 0.9882
CMYK	0.22, 0.00, 0.98, 0.31
HSL	74°, 97%, 35%
HSV	74°, 98%, 69%
XYZ	25.4998, 35.9008, 5.6717
YIQ	143.7310, 31.9680, -61.7600

Conversions

Conversions Part 2

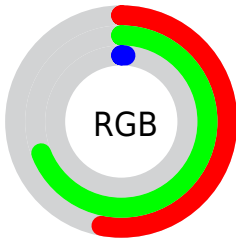
Format	Color
RYB	3, 175, 42
Decimal	8957699
CIELab	66.44, -32.88, 67.45
CIElCh	66, 75.040, 115.989
Yxy	35.9008, 0.3802, 0.5353
Android (android.graphics.Color)	4287147779 (0xFF88AF03)
YUV	143.7310, -69.3804, -6.7801
Hunter-Lab	59.9173, -28.8886, 36.3298

Details

The XYZ color **25.4998, 35.9008, 5.6717** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8.7267, 3.6535, 40.8048**, and the grayscale version is **26.6639, 28.0525, 30.5491**.

A 20% lighter version of the original color is **51.9434, 69.0393, 17.7959**, and **10.2678, 15.6245, 2.4747** is the 20% darker color. If you saturate the color by 10%, you get **25.3733, 35.8387, 5.5802**, and if you desaturate by 10%, it is **26.2716, 36.2867, 6.3056**.

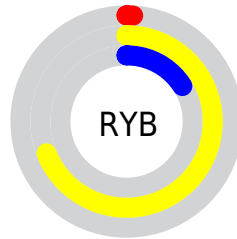
Distribution



Red (53%)

Green (69%)

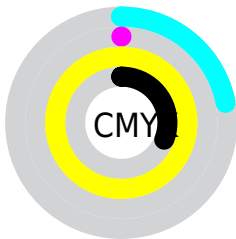
Blue (1%)



Red (1%)

Yellow (69%)

Blue (16%)

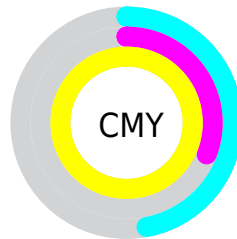


Cyan (22%)

Magenta (0%)

Yellow (98%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4998, 35.9008, 5.6717 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 25.4998, 35.9008, 5.6717 by changing the saturation by 10% instead.

■ 25.4998, 35.9008,
5.6717

■ 25.4998, 35.9008,
5.6717

272.6199,
328.5268, 165.3073

■ 16.5805, 24.3576,
2.5810

■ 51.9040, 68.8789,
17.7113

■ 10.0293, 15.5991,
0.8826

■ 70.1196, 91.0826,
27.4973

■ 5.4808, 9.2409,
0.0000

■ 92.1647, 117.6086,
40.3521

■ 2.5697, 4.8987,
0.0000

■ 118.4046,
148.8413, 56.6942

■ 0.9305, 2.1879,
0.0000

■ 149.2047,
185.1651, 76.9423

■ 0.0000, 0.7134,
0.0000

■ 184.9304,

■ 0.0000, 0.0000,

226.9643, 101.5148

0.0000

225.9470,
274.6234, 130.8303

■ 25.4998, 35.9008,
5.6717

■ 25.4998, 35.9008,
5.6717

■ 25.3733, 35.8387,
5.5802

■ 26.2716, 36.2867,
6.3056

■ 27.1716, 36.7253,
7.4918

■ 28.2287, 37.2296,
9.3781

■ 29.4595, 37.8062,
12.0512

■ 30.8786, 38.4610,
15.5853

■ 32.4984, 39.1990,
20.0460

■ 34.3306, 40.0249,
25.4927

■ 36.3856, 40.9428,
31.9796

■ 38.6733, 41.9568,
39.5571

Harmonies

Analogous

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



35.6571, 35.9008, 4.1467



25.4998, 35.9008, 5.6717



19.1576, 35.9008, 13.6804

Triad

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



25.4998, 35.9008, 5.6717



23.4033, 35.9008, 116.1394



60.5474, 35.9008, 43.5821

Complementary

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



25.4998, 35.9008, 5.6717



8.7267, 3.6535, 40.8048

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.



55.3606, 35.9008, 84.9501



25.4998, 35.9008, 5.6717



32.6328, 35.9008, 139.0770

Square

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



25.4998, 35.9008, 5.6717



18.1469, 35.9008, 72.9772



44.4984, 35.9008, 125.3208



57.4747, 35.9008, 17.7535

Rectangle

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



25.4998, 35.9008, 5.6717



17.1529, 35.9008, 25.9355



44.4984, 35.9008, 125.3208



59.6865, 35.9008, 56.0756

Sweetspot

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



25.5006, 35.9024, 5.6725



61.0586, 71.4894, 44.3611



18.4650, 10.6576, 1.1705



13.2595, 15.7492, 8.9239



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.



25.5006, 35.9024, 5.6725



45.2427, 64.0805, 9.9842



16.7505, 31.3915, 5.2630



8.4824, 9.2373, 8.5493



18.2247, 25.6922, 3.9986



0.5501, 0.7370, 0.1133

Inverse Universe

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



8.7267, 3.6535, 40.8048



15.2472, 6.2593, 73.0414



16.4157, 7.6173, 41.1647



7.7425, 7.8416, 10.0582



6.2050, 2.5587, 29.2113



0.2193, 0.0952, 0.8148

Previews

White Background



This preview shows how the XYZ color 25.4998, 35.9008, 5.6717 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 25.4998, 35.9008, 5.6717 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 25.4998, 35.9008, 5.6717

Background



This preview shows how black text looks on a background with the XYZ color 25.4998, 35.9008, 5.6717.



This preview shows how white text looks on a background with the XYZ color 25.4998, 35.9008,

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

25.4998, 35.9008, 5.6717

Protanopia

32.2117, 35.7857, 5.2096

Deuteranopia

36.2805, 35.5833, 6.3226



Tritanopia

33.6962, 35.9083, 46.2293

Trichromacy



Original Color

25.4998, 35.9008, 5.6717

Protanomaly

29.3412, 35.6390, 5.3613

Deuteranomaly

31.4706, 35.1276, 5.8311

Tritanomaly

28.6534, 34.9407, 20.8568

Monochromacy



Original Color

25.4998, 35.9008, 5.6717

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

24.6816, 29.8957, 14.8255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4998, 35.9008, 5.6717 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(136, 175, 3)` looks like.

```
.text, #text, p{  
    color:rgb(136, 175, 3)  
}
```

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(136, 175, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 175, 3) }
```

Border

The CSS property to change the border of an element to XYZ 25.4998, 35.9008, 5.6717 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(136, 175, 3) }
```


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

```
.border{ border-color:rgb(136, 175, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 175, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 175, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 175, 3);  
box-shadow:4px 4px 4px 4px rgb(136, 175,  
3) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4998, 35.9008, 5.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 175, 3) }
```

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

```
.background{ background-color: rgb(136,  
175, 3) }
```

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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