

Converting Colors

XYZ(17.2990, 25.8280, 4.0736)

Have a look what the booklet for
XYZ(17.2990, 25.8280, 4.0736)
contains.

XYZ(17.3351, 25.8466, 4.0752)	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(17.3351, 25.8466,
4.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9900
RGB	106, 153, 0
RGB Percent	42%, 60%, 0%
CMY	0.5843, 0.4000, 1.0000
CMYK	0.31, 0.00, 1.00, 0.40
HSL	78°, 100%, 30%
HSV	78°, 100%, 60%
XYZ	17.3351, 25.8466, 4.0752
YIQ	121.5050, 21.1010, -57.5470

Conversions

Conversions Part 2

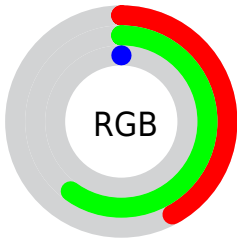
Format	Color
RYB	0, 153, 47
Decimal	6985984
CIELab	57.89, -34.94, 60.50
CIELCh	58, 69.865, 120.011
Yxy	25.8466, 0.3668, 0.5469
Android (android.graphics.Color)	4285176064 (0xFF6A9900)
YUV	121.5050, -59.9020, -13.5979
Hunter-Lab	50.8396, -28.1049, 30.8351

Details

The XYZ color **17.3351, 25.8466, 4.0752** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.9231, 2.9050, 30.3342**, and the grayscale version is **18.5223, 19.4869, 21.2213**.

A 20% lighter version of the original color is **38.5935, 53.2481, 14.2050**, and **6.1166, 10.2065, 1.6477** is the 20% darker color. If you saturate the color by 10%, you get **17.3352, 25.8475, 4.0754**, and if you desaturate by 10%, it is **17.9982, 26.1791, 4.5681**.

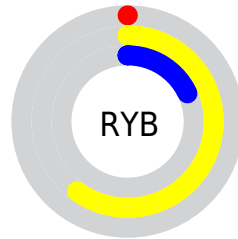
Distribution



Red (42%)

Green (60%)

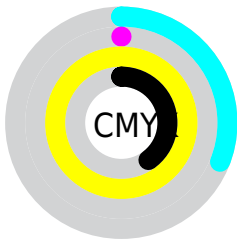
Blue (0%)



Red (0%)

Yellow (60%)

Blue (18%)

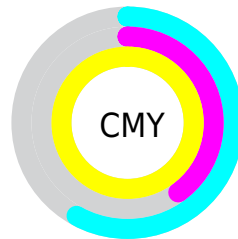


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3351, 25.8466, 4.0752 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 17.3351, 25.8466, 4.0752 by changing the saturation by 10% instead.

■ 17.3351, 25.8466,
4.0752

■ 17.3351, 25.8466,
4.0752

230.2149,
282.0282, 149.0576

■ 10.5705, 16.7089,
1.6667

■ 38.4401, 53.0274,
14.1828

■ 5.8440, 10.0272,
0.3378

■ 53.5111, 71.8392,
22.7190

■ 2.7902, 5.4170,
0.0000

■ 72.0817, 94.6446,
34.1349

■ 1.0438, 2.4939,
0.0000

■ 94.5172, 121.8280,
48.8489


■ 0.0000, 0.8736,
0.0000


■ 121.1829,
153.7736, 67.2796


■ 0.0000, 0.0000,
0.0000


■ 152.4441,


190.8659, 89.8456


 188.6664,
233.4893, 116.9654


 17.3351, 25.8466,
4.0752


 17.3351, 25.8466,
4.0752


 17.3352, 25.8475,
4.0754

 17.9982, 26.1791,
4.5681

 18.7571, 26.5526,
5.4062

 19.6431, 26.9805,
6.7482

 20.6685, 27.4679,
8.6575

 21.8441, 28.0192,
11.1883

■ 23.1795, 28.6381,
14.3885

■ 24.6832, 29.3283,
18.3013

■ 26.3631, 30.0928,
22.9661

■ 28.2268, 30.9348,
28.4198

Harmonies

Analogous

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



24.5633, 25.8466, 2.5919



17.3351, 25.8466, 4.0752



13.0560, 25.8466, 10.7641

Triad

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



17.3351, 25.8466, 4.0752



17.3394, 25.8466, 90.3074



44.5387, 25.8466, 28.1336

Complementary

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



17.3351, 25.8466, 4.0752



6.9231, 2.9050, 30.3342

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.



41.3976, 25.8466, 58.2080



17.3351, 25.8466, 4.0752



24.5695, 25.8466, 104.4753

Square

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



17.3351, 25.8466, 4.0752



13.0580, 25.8466, 58.2332



33.5721, 25.8466, 90.2880



41.3931, 25.8466, 10.7560

Rectangle

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



17.3351, 25.8466, 4.0752



11.8367, 25.8466, 20.8511



33.5721, 25.8466, 90.2880



44.1754, 25.8466, 36.9619

Sweetspot

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



17.3357, 25.8477, 4.0758



44.0323, 52.4432, 32.3161



14.1110, 8.7195, 0.9396



9.4873, 11.4721, 6.5124



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.3357, 25.8477, 4.0758



30.8473, 46.1864, 7.2890



11.9452, 23.0689, 3.8235



6.5241, 7.1277, 6.6378



14.3616, 21.3796, 3.3697



0.2513, 0.3385, 0.0521

Inverse Universe

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



6.9231, 2.9050, 30.3342



12.2283, 5.1144, 54.3146



13.8337, 6.4675, 30.6577



6.0541, 6.1138, 7.7900



5.7521, 2.4163, 25.0709



0.1201, 0.0537, 0.3764

Previews

White Background



This preview shows how the XYZ color 17.3351, 25.8466, 4.0752 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3351, 25.8466, 4.0752 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 × Fail

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

XYZ 17.3351, 25.8466, 4.0752

Background



This preview shows how black text looks on a background with the XYZ color 17.3351, 25.8466, 4.0752.



This preview shows how white text looks on a background with the XYZ color 17.3351, 25.8466,

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

17.3351, 25.8466, 4.0752

Protanopia

22.9429, 25.5332, 3.7192

Deuteranopia

26.1522, 25.7052, 4.7456



Tritanopia

23.3909, 25.7440, 34.3081

Trichromacy



Original Color

17.3351, 25.8466, 4.0752

Protanomaly

20.4545, 25.3498, 3.8149

Deuteranomaly

22.0649, 25.2839, 4.2896

Tritanomaly

19.6859, 25.1526, 15.3727

Monochromacy



Original Color

17.3351, 25.8466, 4.0752

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.9651, 21.0381, 10.3743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3351, 25.8466, 4.0752 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(106, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(106, 153, 0)  
}
```

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(106, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 153, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3351, 25.8466, 4.0752 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(106, 153, 0) }
```


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

```
.border{ border-color:rgb(106, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(106, 153,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3351, 25.8466, 4.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 153, 0) }
```

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

```
.background{ background-color: rgb(106,  
153, 0) }
```

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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