

Converting Colors

XYZ(16.9031, 25.2815, 1.9854)

Have a look what the booklet for
XYZ(16.9031, 25.2815, 1.9854)
contains.

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Color

**XYZ(17.2510, 25.3214,
3.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9700
RGB	108, 151, 0
RGB Percent	42%, 59%, 0%
CMY	0.5765, 0.4078, 1.0000
CMYK	0.28, 0.00, 1.00, 0.41
HSL	77°, 100%, 30%
HSV	77°, 100%, 59%
XYZ	17.2510, 25.3214, 3.9783
YIQ	120.9290, 22.8430, -56.0770

Conversions

Conversions Part 2

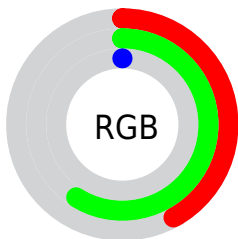
Format	Color
RYB	0, 151, 43
Decimal	7116544
CIELab	57.39, -33.23, 60.16
CIELCh	57, 68.732, 118.914
Yxy	25.3214, 0.3706, 0.5440
Android (android.graphics.Color)	4285306624 (0xFF6C9700)
YUV	120.9290, -59.6180, -11.3387
Hunter-Lab	50.3204, -26.8667, 30.5368

Details

The XYZ color **17.2510, 25.3214, 3.9783** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.5833, 2.7487, 29.4632**, and the grayscale version is **18.3335, 19.2883, 21.0050**.

A 20% lighter version of the original color is **38.2785, 52.0101, 13.9827**, and **6.0785, 9.8986, 1.5903** is the 20% darker color. If you saturate the color by 10%, you get **17.2511, 25.3223, 3.9785**, and if you desaturate by 10%, it is **17.8746, 25.6337, 4.4619**.

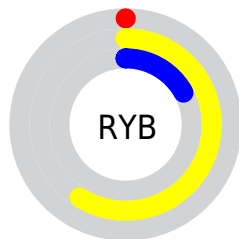
Distribution



Red (42%)

Green (59%)

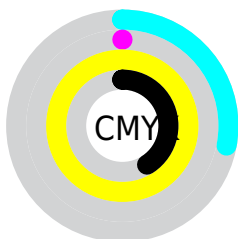
Blue (0%)



Red (0%)

Yellow (59%)

Blue (17%)

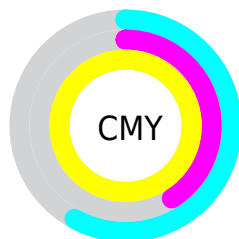


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2510, 25.3214, 3.9783 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 17.2510, 25.3214, 3.9783 by changing the saturation by 10% instead.

■ 17.2510, 25.3214,
3.9783

■ 17.2510, 25.3214,
3.9783

229.7428,
279.4348, 147.9839

■ 10.5100, 16.3167,
1.6134

■ 38.2970, 52.1781,
13.9597

■ 5.8033, 9.7485,
0.3004

■ 53.3327, 70.7990,
22.4133

■ 2.7653, 5.2325,
0.0000

■ 71.8641, 93.3939,
33.7336

■ 1.0309, 2.3843,
0.0000

■ 94.2565, 120.3474,
48.3391


■ 0.0000, 0.8178,
0.0000


■ 120.8752,
152.0439, 66.6483


■ 0.0000, 0.0000,
0.0000


■ 152.0855,


188.8676, 89.0798


 188.2530,
231.2031, 116.0522


 17.2510, 25.3214,
3.9783


 17.2510, 25.3214,
3.9783


 17.2511, 25.3223,
3.9785

 17.8746, 25.6337,
4.4619

 18.5869, 25.9835,
5.2783

 19.4183, 26.3841,
6.5836

 20.3809, 26.8403,
8.4391

 21.4848, 27.3561,
10.8971

■ 22.7393, 27.9353,
14.0042

■ 24.1525, 28.5813,
17.8018

■ 25.7321, 29.2970,
22.3285

■ 27.4851, 30.0855,
27.6196

Harmonies

Analogous

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



24.3658, 25.3214, 2.6296



17.2510, 25.3214, 3.9783



12.9769, 25.3214, 10.2705

Triad

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



17.2510, 25.3214, 3.9783



16.8418, 25.3214, 86.7237



43.4069, 25.3214, 28.4310

Complementary

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



17.2510, 25.3214, 3.9783



6.5833, 2.7487, 29.4632

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.



40.1576, 25.3214, 57.8838



17.2510, 25.3214, 3.9783



23.7711, 25.3214, 101.3068

Square

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



17.2510, 25.3214, 3.9783



12.7809, 25.3214, 55.4990



32.4772, 25.3214, 88.5647



40.5773, 25.3214, 11.0532

Rectangle

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



17.2510, 25.3214, 3.9783



11.7212, 25.3214, 19.8024



32.4772, 25.3214, 88.5647



42.9788, 25.3214, 37.1437

Sweetspot

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



17.2516, 25.3225, 3.9788



43.0895, 51.1090, 31.4286



13.6196, 8.2924, 0.8831



9.5642, 11.5118, 6.5160



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.



17.2516, 25.3225, 3.9788



30.7064, 45.2506, 7.1158



11.6857, 22.4532, 3.7184



6.5374, 7.1345, 6.6384



14.7040, 21.5561, 3.3858



0.2549, 0.3403, 0.0523

Inverse Universe

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



6.5833, 2.7487, 29.4632



11.6302, 4.8400, 52.7549



13.0968, 6.1066, 29.7681



6.0415, 6.1073, 7.7894



5.6250, 2.3508, 25.0650



0.1165, 0.0519, 0.3762

Previews

White Background



This preview shows how the XYZ color 17.2510, 25.3214, 3.9783 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 17.2510, 25.3214, 3.9783 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 17.2510, 25.3214, 3.9783

Background



This preview shows how black text looks on a background with the XYZ color 17.2510, 25.3214, 3.9783.



This preview shows how white text looks on a background with the XYZ color 17.2510, 25.3214,

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

17.2510, 25.3214, 3.9783

Protanopia

22.6060, 25.1455, 3.6621

Deuteranopia

25.4258, 24.9333, 4.5711



Tritanopia

23.0716, 25.1607, 33.3463

Trichromacy



Original Color

17.2510, 25.3214, 3.9783

Protanomaly

20.3037, 25.0482, 3.7647

Deuteranomaly

21.5921, 24.6102, 4.1845

Tritanomaly

19.4670, 24.5915, 15.0299

Monochromacy



Original Color

17.2510, 25.3214, 3.9783

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.7933, 20.7514, 10.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2510, 25.3214, 3.9783 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(108, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 151, 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(108, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 151, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.2510, 25.3214, 3.9783 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(108, 151, 0) }
```


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

```
.border{ border-color:rgb(108, 151, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 151,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2510, 25.3214, 3.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 151, 0) }
```

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

```
.background{ background-color: rgb(108,  
151, 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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