

Converting Colors

XYZ(25.5604, 30.1595, 4.4742)

Have a look what the booklet for
XYZ(25.5604, 30.1595, 4.4742)
contains.

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Color

**XYZ(25.4918, 30.0516,
4.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9900
RGB	158, 153, 0
RGB Percent	62%, 60%, 0%
CMY	0.3804, 0.4000, 0.9999
CMYK	0.00, 0.03, 1.00, 0.38
HSL	58°, 100%, 31%
HSV	58°, 100%, 62%
XYZ	25.4918, 30.0516, 4.4570
YIQ	137.0530, 52.0930, -46.5230

Conversions

Conversions Part 2

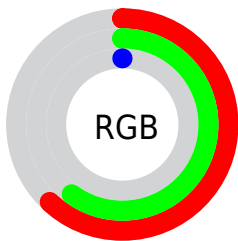
Format	Color
R _Y B	5, 158, 0
Decimal	10393856
CIE Lab	61.70, -12.46, 65.04
CIE LCh	62, 66.219, 100.847
Yxy	30.0516, 0.4249, 0.5009
Android (android.graphics.Color)	4288583936 (0xFF9E9900)
YUV	137.0530, -67.5671, 18.3705
Hunter-Lab	54.8193, -12.9287, 33.5531

Details

The XYZ color **25.4918, 30.0516, 4.4570** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.2260, 2.5774, 32.5168**, and the grayscale version is **24.0330, 25.2846, 27.5349**.

A 20% lighter version of the original color is **51.8343, 59.7056, 15.0957**, and **10.2309, 12.3275, 1.8402** is the 20% darker color. If you saturate the color by 10%, you get **25.4923, 30.0528, 4.4572**, and if you desaturate by 10%, it is **25.6665, 30.2537, 4.9697**.

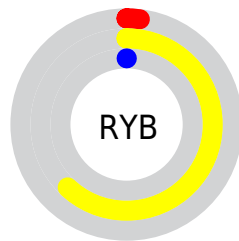
Distribution



Red (62%)

Green (60%)

Blue (0%)



Red (2%)

Yellow (62%)

Blue (0%)

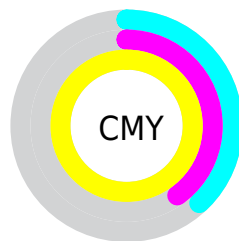


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4918, 30.0516, 4.4570 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 25.4918, 30.0516, 4.4570 by changing the saturation by 10% instead.

■ 25.4918, 30.0516,
4.4570

■ 25.4918, 30.0516,
4.4570

272.5810,
302.1449, 153.1770

■ 16.5745, 19.8778,
1.8793

■ 51.8911, 59.7438,
15.0507

■ 10.0250, 12.3062,
0.4795

■ 70.1039, 80.0309,
23.9038

■ 5.4779, 6.9526,
0.0000

■ 92.1458, 104.4579,
35.6857

■ 2.5679, 3.4325,
0.0000

■ 118.3823,
133.4092, 50.8150

■ 0.9296, 1.3615,
0.0000

■ 149.1787,
167.2691, 69.7103


■ 0.0000, 0.1881,
0.0000


■ 184.9004,


■ 0.0000, 0.0000,


206.4221, 92.7900

0.0000


 225.9128,
251.2526, 120.4727


 25.4918, 30.0516,
4.4570


 25.4918, 30.0516,
4.4570


 25.4923, 30.0528,
4.4572

 25.6665, 30.2537,
4.9697

 25.9121, 30.4836,
5.8573

 26.2607, 30.7553,
7.2855

 26.7254, 31.0739,
9.3232

 27.3173, 31.4439,
12.0292

■ 28.0463, 31.8694,
15.4552

■ 28.9212, 32.3537,
19.6481

■ 29.9501, 32.9003,
24.6506

■ 31.1407, 33.5120,
30.5023

Harmonies

Analogous

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



34.4902, 30.0516, 4.9561



25.4918, 30.0516, 4.4570



18.8530, 30.0516, 8.0299

Triad

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



25.4918, 30.0516, 4.4570



17.5680, 30.0516, 75.8234



47.7437, 30.0516, 51.3622

Complementary

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



25.4918, 30.0516, 4.4570



6.2260, 2.5774, 32.5168

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.



41.1393, 30.0516, 84.8622



25.4918, 30.0516, 4.4570



23.3572, 30.0516, 103.2932

Square

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



25.4918, 30.0516, 4.4570



14.9452, 30.0516, 42.7286



31.8718, 30.0516, 107.2569



48.6438, 30.0516, 24.4125

Rectangle

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



25.4918, 30.0516, 4.4570



16.1745, 30.0516, 14.3186



31.8718, 30.0516, 107.2569



46.0618, 30.0516, 62.5072

Sweetspot

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



25.4925, 30.0530, 4.4576



52.4190, 58.6994, 35.1879



14.1295, 7.2809, 0.8123



11.6696, 13.1525, 7.2200



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.4925, 30.0530, 4.4576



46.2654, 54.5184, 8.0847



15.9074, 26.3510, 4.2482



7.1522, 7.6844, 7.0919



20.4226, 24.0807, 3.5717



0.3702, 0.4406, 0.0655

Inverse Universe

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



6.2260, 2.5774, 32.5168



11.2784, 4.6248, 59.0417



8.9757, 3.9145, 32.6300



6.3007, 6.4672, 8.3229



4.9918, 2.0751, 26.0447



0.0936, 0.0459, 0.4671

Previews

White Background



This preview shows how the XYZ color 25.4918, 30.0516, 4.4570 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 25.4918, 30.0516, 4.4570 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 25.4918, 30.0516, 4.4570

Background



This preview shows how black text looks on a background with the XYZ color 25.4918, 30.0516, 4.4570.



This preview shows how white text looks on a background with the XYZ color 25.4918, 30.0516,

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

25.4918, 30.0516, 4.4570

Protanopia

26.8959, 29.8197, 4.3382

Deuteranopia

30.4087, 29.7990, 4.9081



Tritanopia

31.5712, 29.9707, 34.2579

Trichromacy



Original Color

25.4918, 30.0516, 4.4570

Protanomaly

26.2162, 29.7052, 4.3519

Deuteranomaly

28.3361, 29.6296, 4.6411

Tritanomaly

27.7464, 29.3133, 15.5049

Monochromacy



Original Color

25.4918, 30.0516, 4.4570

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2198, 26.3528, 12.8796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4918, 30.0516, 4.4570 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(158, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 153, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.4918, 30.0516, 4.4570 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(158, 153, 0) }
```


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

```
.border{ border-color:rgb(158, 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(158, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 153,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4918, 30.0516, 4.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 153, 0) }
```

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

```
.background{ background-color: rgb(158,  
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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