

Converting Colors

XYZ(25.2386, 30.2535, 4.5093)

Have a look what the booklet for
XYZ(25.2386, 30.2535, 4.5093)
contains.

XYZ(25.2659, 30.1791, 4.4935)	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(25.2659, 30.1791,
4.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9A00
RGB	156, 154, 0
RGB Percent	61%, 60%, 0%
CMY	0.3882, 0.3961, 0.9999
CMYK	0.00, 0.01, 1.00, 0.39
HSL	59°, 100%, 31%
HSV	59°, 100%, 61%
XYZ	25.2659, 30.1791, 4.4935
YIQ	137.0420, 50.6260, -47.4700

Conversions

Conversions Part 2

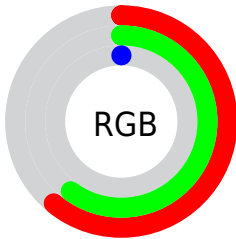
Format	Color
R _Y B	2, 156, 0
Decimal	10263040
CIE Lab	61.81, -13.89, 65.04
CIE LCh	62, 66.504, 102.056
Yxy	30.1791, 0.4215, 0.5035
Android (android.graphics.Color)	4288453120 (0xFF9C9A00)
YUV	137.0420, -67.5617, 16.6262
Hunter-Lab	54.9355, -14.0415, 33.6052

Details

The XYZ color **25.2659, 30.1791, 4.4935** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.0227, 2.4440, 31.6066**, and the grayscale version is **24.0292, 25.2805, 27.5305**.

A 20% lighter version of the original color is **51.4900, 59.8889, 15.1492**, and **10.1058, 12.4098, 1.8627** is the 20% darker color. If you saturate the color by 10%, you get **25.2665, 30.1804, 4.4937**, and if you desaturate by 10%, it is **25.3901, 30.2827, 4.9821**.

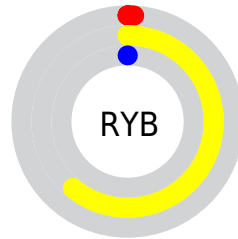
Distribution



Red (61%)

Green (60%)

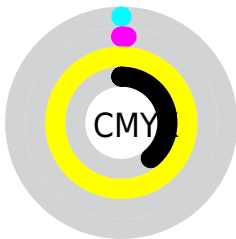
Blue (0%)



Red (1%)

Yellow (61%)

Blue (0%)

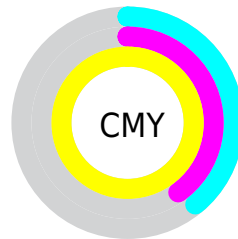


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (39%)



Cyan (39%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2659, 30.1791, 4.4935 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 25.2659, 30.1791, 4.4935 by changing the saturation by 10% instead.


 25.2659, 30.1791,
4.4935


 25.2659, 30.1791,
4.4935


271.4828,
302.7384, 153.5621


 16.4051, 19.9746,
1.8998


 51.5281, 59.9453,
15.1328


 9.9039, 12.3766,
0.4926


 69.6601, 80.2758,
24.0155

 5.3971, 7.0007,
0.0000


 91.6132, 104.7503,
35.8316

 2.5192, 3.4625,
0.0000

 117.7528,
133.7534, 50.9996

 0.9049, 1.3777,
0.0000

 148.4442,
167.6693, 69.9382


 0.0000, 0.2002,
0.0000


 184.0528,


 0.0000, 0.0000,


206.8825, 93.0657


0.0000


 224.9439,
251.7774, 120.8009


 25.2659, 30.1791,
4.4935


 25.2659, 30.1791,
4.4935

 25.2665, 30.1804,
4.4937

 25.3901, 30.2827,
4.9821

 25.5826, 30.4125,
5.8330

 25.8749, 30.5823,
7.2088

 26.2796, 30.7972,
9.1765

 26.8075, 31.0615,
11.7927

■ 27.4682, 31.3789,
15.1079

■ 28.2702, 31.7530,
19.1671

■ 29.2215, 32.1869,
24.0120

■ 30.3293, 32.6834,
29.6808

Harmonies

Analogous

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



34.2693, 30.1791, 4.8473



25.2659, 30.1791, 4.4935



18.7051, 30.1791, 8.2918

Triad

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



25.2659, 30.1791, 4.4935



17.7884, 30.1791, 77.6691



48.1732, 30.1791, 50.3329

Complementary

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



25.2659, 30.1791, 4.4935



6.0227, 2.4440, 31.6066

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.



41.7001, 30.1791, 84.1400



25.2659, 30.1791, 4.4935



23.7417, 30.1791, 104.7263

Square

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



25.2659, 30.1791, 4.4935



15.0237, 30.1791, 44.1603



32.3980, 30.1791, 107.5656



48.8171, 30.1791, 23.6733

Rectangle

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



25.2659, 30.1791, 4.4935



16.0965, 30.1791, 14.8671



32.3980, 30.1791, 107.5656



46.5534, 30.1791, 61.4929

Sweetspot

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



25.2666, 30.1805, 4.4941



51.2519, 57.6290, 34.3295



13.7247, 7.0739, 0.7171



11.1471, 12.6204, 6.8921



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.2666, 30.1805, 4.4941



45.8797, 54.7931, 8.1580



15.2481, 25.5088, 4.1204



7.1629, 7.7058, 7.0955



20.8141, 24.8637, 3.7022



0.3742, 0.4487, 0.0669

Inverse Universe

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



6.0227, 2.4440, 31.6066



10.9274, 4.4163, 57.4032



8.9344, 3.9129, 31.7366



6.2912, 6.4482, 8.3197



4.9626, 2.0168, 26.0349



0.0905, 0.0396, 0.4661

Previews

White Background



This preview shows how the XYZ color 25.2659, 30.1791, 4.4935 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 25.2659, 30.1791, 4.4935 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 25.2659, 30.1791, 4.4935

Background



This preview shows how black text looks on a background with the XYZ color 25.2659, 30.1791, 4.4935.

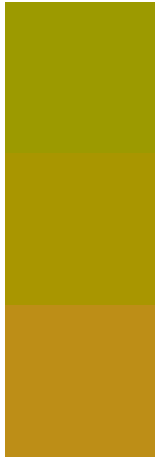


This preview shows how white text looks on a background with the XYZ color 25.2659, 30.1791,

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

25.2659, 30.1791, 4.4935

Protanopia

27.2685, 30.2477, 4.4012

Deuteranopia

30.8139, 30.2267, 5.0209



Tritanopia

31.3811, 30.0850, 34.7249

Trichromacy



Original Color

25.2659, 30.1791, 4.4935

Protanomaly

26.3765, 30.0257, 4.4054

Deuteranomaly

28.4966, 29.9394, 4.7289

Tritanomaly

27.5386, 29.4307, 15.7845

Monochromacy



Original Color

25.2659, 30.1791, 4.4935

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.0444, 26.2623, 12.8714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2659, 30.1791, 4.4935 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(156, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 154, 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(156, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 154, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.2659, 30.1791, 4.4935 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(156, 154, 0) }
```


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

```
.border{ border-color:rgb(156, 154, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 154, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 154,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2659, 30.1791, 4.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 154, 0) }
```

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

```
.background{ background-color: rgb(156,  
154, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor