

Converting Colors

XYZ(18.2764, 25.7189, 4.0010)

Have a look what the booklet for
XYZ(18.2764, 25.7189, 4.0010)
contains.

XYZ(18.2425, 25.5946, 3.9788)	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(18.2425, 25.5946,
3.9788)**

Conversions

Conversions Part 1

Format	Color
Hex	759600
RGB	117, 150, 0
RGB Percent	46%, 59%, 0%
CMY	0.5412, 0.4118, 0.9999
CMYK	0.22, 0.00, 1.00, 0.41
HSL	73°, 100%, 29%
HSV	73°, 100%, 59%
XYZ	18.2425, 25.5946, 3.9788
YIQ	123.0330, 28.4820, -53.6460

Conversions

Conversions Part 2

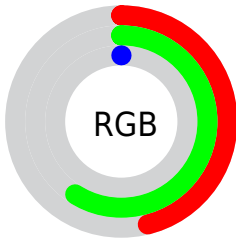
Format	Color
RYB	0, 150, 33
Decimal	7706112
CIELab	57.65, -29.04, 60.61
CIELCh	58, 67.213, 115.600
Yxy	25.5946, 0.3815, 0.5353
Android (android.graphics.Color)	4285896192 (0xFF759600)
YUV	123.0330, -60.6553, -5.2909
Hunter-Lab	50.5911, -24.1696, 30.7508

Details

The XYZ color **18.2425, 25.5946, 3.9788** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.1332, 2.5260, 29.0200**, and the grayscale version is **19.0261, 20.0169, 21.7985**.

A 20% lighter version of the original color is **39.9638, 52.5249, 13.9932**, and **6.5117, 9.9804, 1.5832** is the 20% darker color. If you saturate the color by 10%, you get **18.2426, 25.5955, 3.9789**, and if you desaturate by 10%, it is **18.7807, 25.8629, 4.4546**.

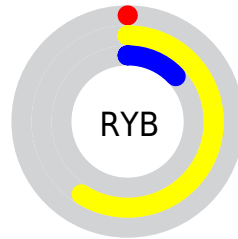
Distribution



Red (46%)

Green (59%)

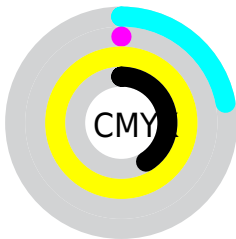
Blue (0%)



Red (0%)

Yellow (59%)

Blue (13%)

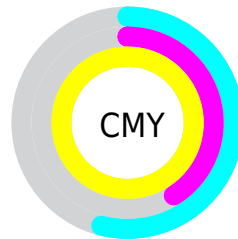


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (54%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2425, 25.5946, 3.9788 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 18.2425, 25.5946, 3.9788 by changing the saturation by 10% instead.

■ 18.2425, 25.5946,
3.9788

■ 18.2425, 25.5946,
3.9788

235.2536,
280.7863, 147.9894

■ 11.2250, 16.5206,
1.6137

■ 39.9770, 52.6202,
13.9608

■ 6.2868, 9.8933,
0.3006

■ 55.4246, 71.3406,
22.4149

■ 3.0625, 5.3283,
0.0000

■ 74.4130, 94.0453,
33.7356

■ 1.1869, 2.4411,
0.0000

■ 97.3075, 121.1186,
48.3417

■ 0.0960, 0.8469,
0.0000

■ 124.4734,
152.9450, 66.6516

■ 0.0000, 0.0000,
0.0000

■ 156.2762,

189.9088, 89.0838

193.0811,
232.3944, 116.0569

18.2425, 25.5946,
3.9788

18.2425, 25.5946,
3.9788

18.2426, 25.5955,
3.9789

18.7807, 25.8629,
4.4546

19.3961, 26.1631,
5.2569

20.1186, 26.5079,
6.5402

20.9599, 26.9021,
8.3649

21.9299, 27.3496,
10.7825

■ 23.0374, 27.8541,
13.8385

■ 24.2904, 28.4186,
17.5739

■ 25.6960, 29.0461,
22.0265

■ 27.2612, 29.7394,
27.2312

Harmonies

Analogous

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



25.5316, 25.5946, 2.9351



18.2425, 25.5946, 3.9788



13.6750, 25.5946, 9.5982

Triad

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



18.2425, 25.5946, 3.9788



16.5999, 25.5946, 82.6503



43.2142, 25.5946, 31.4025

Complementary

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



18.2425, 25.5946, 3.9788



6.1332, 2.5260, 29.0200

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.



39.4334, 25.5946, 61.0906



18.2425, 25.5946, 3.9788



23.1607, 25.5946, 99.3720

Square

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



18.2425, 25.5946, 3.9788



12.8834, 25.5946, 51.6960



31.6329, 25.5946, 89.8576



41.0917, 25.5946, 12.7868

Rectangle

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



18.2425, 25.5946, 3.9788



12.2200, 25.5946, 18.2483



31.6329, 25.5946, 89.8576



42.5722, 25.5946, 40.3851

Sweetspot

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



18.2431, 25.5958, 3.9793



42.7248, 50.0871, 30.5820



13.1088, 7.5452, 0.7658



9.2768, 11.0139, 6.1967



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.2431, 25.5958, 3.9793



32.0389, 45.0889, 7.0144



11.8828, 22.3169, 3.6817



6.1419, 6.6810, 6.2063



15.1572, 21.2417, 3.3012



0.2103, 0.2728, 0.0416

Inverse Universe

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



6.1332, 2.5260, 29.0200



10.6965, 4.3920, 51.2052



11.6299, 5.3597, 29.2772



5.6118, 5.6908, 7.2724



5.1099, 2.1068, 24.0684



0.0840, 0.0368, 0.2956

Previews

White Background



This preview shows how the XYZ color 18.2425, 25.5946, 3.9788 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 18.2425, 25.5946, 3.9788 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 18.2425, 25.5946, 3.9788

Background



This preview shows how black text looks on a background with the XYZ color 18.2425, 25.5946, 3.9788.



This preview shows how white text looks on a background with the XYZ color 18.2425, 25.5946,

3.9788.

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

18.2425, 25.5946, 3.9788

Protanopia

22.9429, 25.5332, 3.7192

Deuteranopia

25.7697, 25.3104, 4.5641



Tritanopia

23.9436, 25.4131, 32.4974

Trichromacy



Original Color

18.2425, 25.5946, 3.9788

Protanomaly

20.9778, 25.3957, 3.7962

Deuteranomaly

22.3265, 24.9897, 4.1771

Tritanomaly

20.3455, 24.8311, 14.5470

Monochromacy



Original Color

18.2425, 25.5946, 3.9788

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.6478, 21.3901, 10.4063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2425, 25.5946, 3.9788 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(117, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 150, 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(117, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.2425, 25.5946, 3.9788 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(117, 150, 0) }
```


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

```
.border{ border-color:rgb(117, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(117, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 150,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2425, 25.5946, 3.9788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 150, 0) }
```

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

```
.background{ background-color: rgb(117,  
150, 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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