

Converting Colors

XYZ(18.5400, 25.1836, 6.2994)

Have a look what the booklet for
XYZ(18.5400, 25.1836, 6.2994)
contains.

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Color

**XYZ(18.5157, 25.2132,
6.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	76942C
RGB	118, 148, 44
RGB Percent	46%, 58%, 17%
CMY	0.5373, 0.4196, 0.8274
CMYK	0.20, 0.00, 0.70, 0.42
HSL	77°, 54%, 38%
HSV	77°, 70%, 58%
XYZ	18.5157, 25.2132, 6.2736
YIQ	127.1740, 15.5040, -38.7040

Conversions

Conversions Part 2

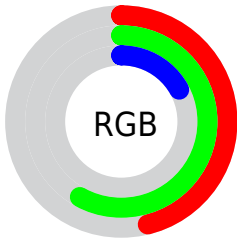
Format	Color
RYB	44, 148, 74
Decimal	7771180
CIELab	57.28, -26.02, 49.10
CIElCh	57, 55.573, 117.924
Yxy	25.2132, 0.3703, 0.5042
Android (android.graphics.Color)	4285961260 (0xFF76942C)
YUV	127.1740, -41.0048, -8.0456
Hunter-Lab	50.2127, -22.0513, 27.7412

Details

The XYZ color **18.5157, 25.2132, 6.2736** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.0710, 5.3960, 28.5819**, and the grayscale version is **20.3661, 21.4267, 23.3337**.

A 20% lighter version of the original color is **40.4654, 51.9698, 18.9648**, and **6.5215, 9.7076, 1.5300** is the 20% darker color. If you saturate the color by 10%, you get **17.7191, 24.8300, 5.0344**, and if you desaturate by 10%, it is **19.4390, 25.6519, 8.0378**.

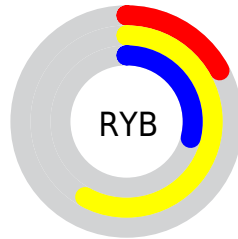
Distribution



Red (46%)

Green (58%)

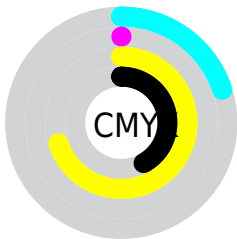
Blue (17%)



Red (17%)

Yellow (58%)

Blue (29%)

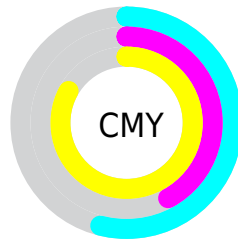


Cyan (20%)

Magenta (0%)

Yellow (70%)

Black (42%)



Cyan (54%)

Magenta (42%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5157, 25.2132, 6.2736 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 18.5157, 25.2132, 6.2736 by changing the saturation by 10% instead.

■ 18.5157, 25.2132,
6.2736

■ 18.5157, 25.2132,
6.2736

236.7517,
278.8980, 170.8787

■ 11.4228, 16.2360,
2.9407

■ 40.4374, 52.0029,
18.9836

■ 6.4213, 9.6913,
1.0644

■ 55.9968, 70.5841,
29.1977

■ 3.1460, 5.1948,
0.0000

■ 75.1092, 93.1355,
42.5427

■ 1.2314, 2.3620,
0.0000

■ 98.1398, 120.0414,
59.4370

■ 0.1310, 0.8062,
0.0000

■ 125.4540,
151.6862, 80.2992

■ 0.0000, 0.0000,
0.0000

■ 157.4171,

188.4543, 105.5479

194.3946,
230.7301, 135.6015

■ 18.5157, 25.2132,
6.2736

■ 18.5157, 25.2132,
6.2736

■ 17.7191, 24.8300,
5.0344

■ 19.4390, 25.6519,
8.0378

■ 17.0359, 24.4942,
4.2599

■ 20.4971, 26.1468,
10.3754

■ 16.4520, 24.2027,
3.8045

■ 21.6993, 26.7023,
13.3310

■ 23.0533, 27.3218,
16.9445

■ 24.5666, 28.0081,
21.2524

■ 26.2458, 28.7641,
26.2886

■ 28.0973, 29.5921,
32.0846

■ 30.1269, 30.4948,
38.6702

■ 32.3403, 31.4743,
46.0736

Harmonies

Analogous

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



24.4254, 25.2132, 4.8329



18.5157, 25.2132, 6.2736



14.7651, 25.2132, 12.3597

Triad

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



18.5157, 25.2132, 6.2736



17.8556, 25.2132, 71.0080



38.9571, 25.2132, 28.7859

Complementary

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



18.5157, 25.2132, 6.2736



9.0710, 5.3960, 28.5819

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.



36.3591, 25.2132, 51.5321



18.5157, 25.2132, 6.2736



23.5092, 25.2132, 81.8962

Square

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



18.5157, 25.2132, 6.2736



14.4359, 25.2132, 48.1509



30.3891, 25.2132, 73.5090



36.9674, 25.2132, 13.7432

Rectangle

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



18.5157, 25.2132, 6.2736



13.6017, 25.2132, 20.5506



30.3891, 25.2132, 73.5090



38.5828, 25.2132, 35.7498

Sweetspot

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



18.5163, 25.2143, 6.2741



43.0224, 49.2709, 36.5581



15.0816, 11.3052, 3.7704



9.6651, 11.1769, 7.8949



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.



18.5163, 25.2143, 6.2741



30.5873, 43.4784, 8.0489



13.3283, 22.5398, 6.0313



6.1041, 6.6615, 6.2045



14.0796, 20.6862, 3.2508



0.2016, 0.2683, 0.0412

Inverse Universe

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



9.0710, 5.3960, 28.5819



12.9675, 6.3074, 49.9686



14.7726, 8.3353, 28.8487



5.6473, 5.7092, 7.2741



5.4302, 2.2720, 24.0834



0.0927, 0.0413, 0.2960

Previews

White Background



This preview shows how the XYZ color 18.5157, 25.2132, 6.2736 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 18.5157, 25.2132, 6.2736 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 18.5157, 25.2132, 6.2736

Background



This preview shows how black text looks on a background with the XYZ color 18.5157, 25.2132, 6.2736.



This preview shows how white text looks on a background with the XYZ color 18.5157, 25.2132,

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

18.5157, 25.2132, 6.2736

Protanopia

22.6723, 24.9214, 5.7132

Deuteranopia

25.3529, 24.8535, 6.4786



Tritanopia

23.7192, 25.0927, 32.0270

Trichromacy



Original Color

18.5157, 25.2132, 6.2736

Protanomaly

20.9273, 24.8796, 5.8898

Deuteranomaly

22.4281, 24.7801, 6.3973

Tritanomaly

21.1464, 24.9293, 18.7362

Monochromacy



Original Color

18.5157, 25.2132, 6.2736

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.1338, 22.4761, 14.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5157, 25.2132, 6.2736 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(118, 148, 44)` looks like.

```
.text, #text, p{  
    color:rgb(118, 148, 44)  
}
```

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(118, 148, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 148, 44) }
```

Border

The CSS property to change the border of an element to XYZ 18.5157, 25.2132, 6.2736 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(118, 148, 44) }
```


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

```
.border{ border-color:rgb(118, 148, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 148, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 148, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 148, 44);  
box-shadow:4px 4px 4px 4px rgb(118, 148,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5157, 25.2132, 6.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 148, 44) }
```

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

```
.background{ background-color: rgb(118,  
148, 44) }
```

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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