

Converting Colors

XYZ(18.2994, 25.6691, 10.6588)

Have a look what the booklet for
XYZ(18.2994, 25.6691, 10.6588)
contains.

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Color

**XYZ(18.2805, 25.7054,
10.6548)**

Conversions

Conversions Part 1

Format	Color
Hex	6A974B
RGB	106, 151, 75
RGB Percent	42%, 59%, 29%
CMY	0.5843, 0.4078, 0.7059
CMYK	0.30, 0.00, 0.50, 0.41
HSL	96°, 34%, 44%
HSV	96°, 50%, 59%
XYZ	18.2805, 25.7054, 10.6548
YIQ	128.8810, -2.4240, -33.1760

Conversions

Conversions Part 2

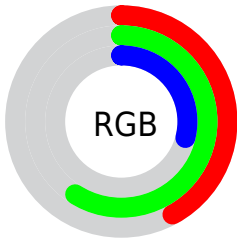
Format	Color
RYB	75, 151, 120
Decimal	6985547
CIELab	57.76, -29.30, 35.00
CIELCh	58, 45.647, 129.932
Yxy	25.7054, 0.3346, 0.4704
Android (android.graphics.Color)	4285175627 (0xFF6A974B)
YUV	128.8810, -26.5633, -20.0666
Hunter-Lab	50.7005, -24.3661, 23.0304

Details

The XYZ color **18.2805, 25.7054, 10.6548** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.8489, 11.2604, 30.6177**, and the grayscale version is **20.9158, 22.0051, 23.9635**.

A 20% lighter version of the original color is **40.0711, 52.9942, 27.5190**, and **6.3305, 10.0057, 2.6345** is the 20% darker color. If you saturate the color by 10%, you get **16.8162, 25.0041, 8.2014**, and if you desaturate by 10%, it is **19.9796, 26.5151, 13.7607**.

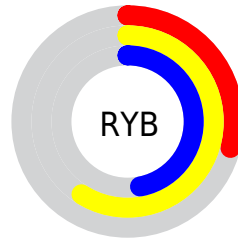
Distribution



Red (42%)

Green (59%)

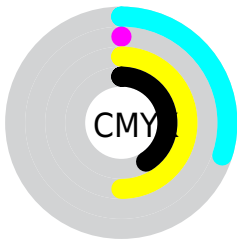
Blue (29%)



Red (29%)

Yellow (59%)

Blue (47%)

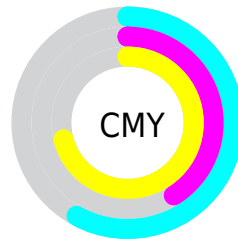


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2805, 25.7054, 10.6548 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 18.2805, 25.7054, 10.6548 by changing the saturation by 10% instead.

■ 18.2805, 25.7054,
10.6548

■ 18.2805, 25.7054,
10.6548

235.4625,
281.3329, 205.9354

■ 11.2525, 16.6034,
5.7240

■ 40.0411, 52.7993,
27.6469

■ 6.3055, 9.9521,
2.6119

■ 55.5043, 71.5600,
40.5452

■ 3.0741, 5.3672,
0.8986

■ 74.5100, 94.3090,
56.9365

■ 1.1931, 2.4643,
0.0000

■ 97.4235, 121.4307,
77.2392

■ 0.1009, 0.8587,
0.0000

■ 124.6101,
153.3096, 101.8719

■ 0.0000, 0.0000,
0.0000

156.4352,

190.3300, 131.2531

193.2643,
232.8763, 165.8015

■ 18.2805, 25.7054,
10.6548

■ 18.2805, 25.7054,
10.6548

■ 16.8162, 25.0041,
8.2014

■ 19.9796, 26.5151,
13.7607

■ 15.5726, 24.4027,
6.3521

■ 21.9227, 27.4348,
17.5594

■ 14.5368, 23.8963,
5.0547

■ 24.1210, 28.4700,
22.0899

■ 13.6933, 23.4785,
4.2473

■ 26.5840, 29.6251,
27.3880

■ 13.0281, 23.1452,
3.7808

■ 29.3211, 30.9039,
33.4871

■ 32.3410, 32.3104,
40.4184

■ 35.6518, 33.8482,
48.2116

■ 39.2616, 35.5206,
56.8951

■ 43.1781, 37.3312,
66.4957

Harmonies

Analogous

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



22.6617, 25.7054, 7.5602



18.2805, 25.7054, 10.6548



15.8203, 25.7054, 18.8680

Triad

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



18.2805, 25.7054, 10.6548



20.9959, 25.7054, 66.9171



36.3339, 25.7054, 23.1056

Complementary

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



18.2805, 25.7054, 10.6548



15.8489, 11.2604, 30.6177

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.



35.7104, 25.7054, 39.6574



18.2805, 25.7054, 10.6548



26.2927, 25.7054, 69.4119

Square

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



18.2805, 25.7054, 10.6548



17.2181, 25.7054, 52.1349



31.8291, 25.7054, 58.0460



33.4234, 25.7054, 12.7577

Rectangle

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



18.2805, 25.7054, 10.6548



15.3468, 25.7054, 27.9528



31.8291, 25.7054, 58.0460



36.5397, 25.7054, 28.0248

Sweetspot

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



18.2811, 25.7065, 10.6554



45.3542, 51.9972, 44.1556



20.6701, 20.3615, 9.4978



10.1159, 11.7280, 9.6235



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.



18.2811, 25.7065, 10.6554



29.9051, 44.6764, 14.3569



15.4668, 24.2294, 11.7123



6.3588, 7.0424, 6.6300



11.1136, 19.7051, 3.2177



0.2058, 0.3151, 0.0500

Inverse Universe

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



15.8489, 11.2604, 30.6177



25.0336, 15.8512, 54.1738



20.3648, 13.6463, 28.2155



6.2174, 6.1979, 7.7976



8.3235, 3.7420, 25.1913



0.1655, 0.0771, 0.3785

Previews

White Background



This preview shows how the XYZ color 18.2805, 25.7054, 10.6548 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 18.2805, 25.7054, 10.6548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

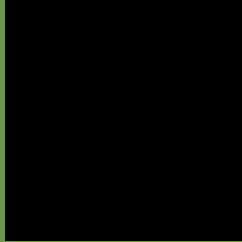
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2805, 25.7054, 10.6548

Background



This preview shows how black text looks on a background with the XYZ color 18.2805, 25.7054, 10.6548.



This preview shows how white text looks on a background with the XYZ color 18.2805, 25.7054,

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

18.2805, 25.7054, 10.6548

Protanopia

23.3627, 25.4042, 9.6334

Deuteranopia

25.8477, 25.4065, 11.1311



Tritanopia

22.9769, 25.5306, 34.2887

Trichromacy



Original Color

18.2805, 25.7054, 10.6548

Protanomaly

21.1455, 25.3470, 9.9089

Deuteranomaly

22.2848, 25.0350, 10.8654

Tritanomaly

20.7665, 25.3089, 23.1926

Monochromacy



Original Color

18.2805, 25.7054, 10.6548

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.5911, 23.0604, 17.8865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2805, 25.7054, 10.6548 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(106, 151, 75)` looks like.

```
.text, #text, p{  
    color:rgb(106, 151, 75)  
}
```

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(106, 151, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 151, 75) }
```

Border

The CSS property to change the border of an element to XYZ 18.2805, 25.7054, 10.6548 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(106, 151, 75) }
```


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

```
.border{ border-color:rgb(106, 151, 75) }
```

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

Here you see how a box with a 4 pixel rgb(106, 151, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 151, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 151, 75);  
box-shadow:4px 4px 4px 4px rgb(106, 151,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2805, 25.7054, 10.6548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 151, 75) }
```

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

```
.background{ background-color: rgb(106,  
151, 75) }
```

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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