

Converting Colors

XYZ(18.3084, 25.2675, 14.9723)

Have a look what the booklet for
XYZ(18.3084, 25.2675, 14.9723)
contains.

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Color

**XYZ(18.3845, 25.4239,
15.0047)**

Conversions

Conversions Part 1

Format	Color
Hex	659660
RGB	101, 150, 96
RGB Percent	40%, 59%, 38%
CMY	0.6039, 0.4118, 0.6235
CMYK	0.33, 0.00, 0.36, 0.41
HSL	114°, 22%, 48%
HSV	114°, 36%, 59%
XYZ	18.3845, 25.4239, 15.0047
YIQ	129.1930, -11.8700, -27.1820

Conversions

Conversions Part 2

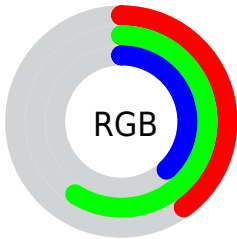
Format	Color
R_{YB}	96, 150, 145
Decimal	6657632
CIE _{Lab}	57.49, -27.59, 23.40
CIE _{LCh}	57, 36.173, 139.701
Yxy	25.4239, 0.3126, 0.4323
Android (android.graphics.Color)	4284847712 (0xFF659660)
YUV	129.1930, -16.3641, -24.7253
Hunter-Lab	50.4221, -23.1555, 17.6519

Details

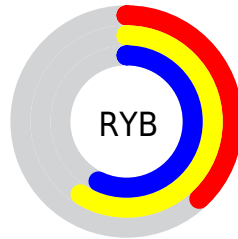
The XYZ color **18.3845, 25.4239, 15.0047** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.3661, 16.5883, 30.9312**, and the grayscale version is **20.9930, 22.0863, 24.0520**.

A 20% lighter version of the original color is **40.1858, 52.1623, 35.5541**, and **6.3815, 9.8492, 4.4705** is the 20% darker color. If you saturate the color by 10%, you get **16.3590, 24.4528, 11.6425**, and if you desaturate by 10%, it is **20.7956, 26.5800, 19.0739**.

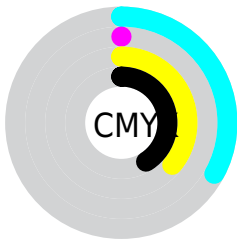
Distribution



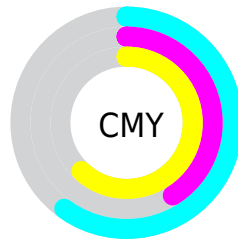
- Red (40%)
- Green (59%)
- Blue (38%)



- Red (38%)
- Yellow (59%)
- Blue (57%)



- Cyan (33%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3845, 25.4239, 15.0047 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 18.3845, 25.4239, 15.0047 by changing the saturation by 10% instead.

■ 18.3845, 25.4239,
15.0047

■ 18.3845, 25.4239,
15.0047

236.0333,
279.9425, 235.0364

■ 11.3277, 16.3932,
8.6760

■ 40.2164, 52.3441,
35.6038

■ 6.3566, 9.8028,
4.4366

■ 55.7222, 71.0023,
50.7114

■ 3.1058, 5.2684,
1.8678

■ 74.7752, 93.6385,
69.5823

■ 1.2100, 2.4056,
0.4721

■ 97.7405, 120.6370,
92.6352

■ 0.1142, 0.8288,
0.0000

124.9836,
152.3823, 120.2884

■ 0.0000, 0.0000,
0.0000

156.8699,

189.2587, 152.9607

193.7647,
231.6506, 191.0705

■ 18.3845, 25.4239,
15.0047

■ 18.3845, 25.4239,
15.0047

■ 16.3590, 24.4528,
11.6425

■ 20.7956, 26.5800,
19.0739

■ 14.6972, 23.6541,
8.9455

■ 23.6087, 27.9267,
23.8855

■ 13.3779, 23.0185,
6.8700


■ 26.8419, 29.4731,
29.4745


■ 12.3771, 22.5348,
5.3664


■ 30.5115, 31.2270,
35.8731


■ 11.6675, 22.1902,
4.3777


■ 34.6327, 33.1956,
43.1118


 11.2148, 21.9686,
3.8216

 39.2204, 35.3860,
51.2194

 11.0862, 21.9061,
3.6440

 44.2885, 37.8046,
60.2235

 49.8503, 40.4579,
70.1503

 55.9189, 43.3519,
81.0252

Harmonies

Analogous

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



21.4798, 25.4239, 10.8226



18.3845, 25.4239, 15.0047



16.9001, 25.4239, 23.6561

Triad

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



18.3845, 25.4239, 15.0047



22.7146, 25.4239, 58.1768



32.8269, 25.4239, 20.4339

Complementary

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



18.3845, 25.4239, 15.0047



21.3661, 16.5883, 30.9312

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.



33.2596, 25.4239, 32.1412



18.3845, 25.4239, 15.0047



27.0644, 25.4239, 56.5419

Square

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



18.3845, 25.4239, 15.0047



19.1959, 25.4239, 49.9889



31.0447, 25.4239, 46.0233



29.9244, 25.4239, 13.2508

Rectangle

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



18.3845, 25.4239, 15.0047



16.8883, 25.4239, 31.8730



31.0447, 25.4239, 46.0233



33.2782, 25.4239, 23.8760

Sweetspot

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



18.3851, 25.4250, 15.0053



44.2973, 50.5428, 46.6939



24.7545, 27.4585, 15.0621



9.6666, 11.1291, 10.0885



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.



18.3851, 25.4250, 15.0053



29.5830, 43.4948, 21.7214



18.9773, 25.5991, 20.9568



5.7765, 6.4926, 6.1892



9.2078, 18.1746, 3.0228



0.1225, 0.2275, 0.0375

Inverse Universe

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



21.3661, 16.5883, 30.9312



35.6120, 25.5886, 53.9834



20.6841, 16.4195, 22.6404



5.9830, 5.8822, 7.2898



13.0163, 6.1827, 24.4384



0.1717, 0.0821, 0.2997

Previews

White Background



This preview shows how the XYZ color 18.3845, 25.4239, 15.0047 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 18.3845, 25.4239, 15.0047 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 18.3845, 25.4239, 15.0047

Background



This preview shows how black text looks on a background with the XYZ color 18.3845, 25.4239, 15.0047.



This preview shows how white text looks on a background with the XYZ color 18.3845, 25.4239,

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

18.3845, 25.4239, 15.0047

Protanopia

23.2284, 25.0362, 13.5057

Deuteranopia

25.6558, 25.2092, 15.5702



Tritanopia

22.3373, 25.4228, 34.3016

Trichromacy



Original Color

18.3845, 25.4239, 15.0047

Protanomaly

21.1645, 25.0418, 14.0740

Deuteranomaly

22.3000, 24.9415, 15.4432

Tritanomaly

20.6969, 25.4394, 26.0098

Monochromacy



Original Color

18.3845, 25.4239, 15.0047

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.7643, 23.0976, 20.2462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3845, 25.4239, 15.0047 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(101, 150, 96)` looks like.

```
.text, #text, p{  
    color:rgb(101, 150, 96)  
}
```

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(101, 150, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 150, 96) }
```

Border

The CSS property to change the border of an element to XYZ 18.3845, 25.4239, 15.0047 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(101, 150, 96) }
```


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

```
.border{ border-color:rgb(101, 150, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 150, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 150, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 150, 96);  
box-shadow:4px 4px 4px 4px rgb(101, 150,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3845, 25.4239, 15.0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 150, 96) }
```

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

```
.background{ background-color: rgb(101,  
150, 96) }
```

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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