

Converting Colors

XYZ(18.4213, 25.4956, 15.5842)

Have a look what the booklet for
XYZ(18.4213, 25.4956, 15.5842)
contains.

XYZ(18.3665, 25.4039, 15.4907)	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(18.3665, 25.4039,
15.4907)**

Conversions

Conversions Part 1

Format	Color
Hex	649662
RGB	100, 150, 98
RGB Percent	39%, 59%, 38%
CMY	0.6078, 0.4118, 0.6157
CMYK	0.33, 0.00, 0.35, 0.41
HSL	118°, 21%, 49%
HSV	118°, 35%, 59%
XYZ	18.3665, 25.4039, 15.4907
YIQ	129.1220, -13.1080, -26.7720

Conversions

Conversions Part 2

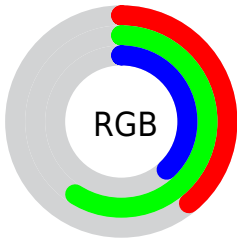
Format	Color
R_{YB}	98, 150, 148
Decimal	6592098
CIE _{Lab}	57.47, -27.60, 22.26
CIE _{LCh}	57, 35.457, 141.114
Yxy	25.4039, 0.3099, 0.4287
Android (android.graphics.Color)	4284782178 (0xFF649662)
YUV	129.1220, -15.3431, -25.5400
Hunter-Lab	50.4023, -23.1589, 17.0593

Details

The XYZ color **18.3665, 25.4039, 15.4907** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0866, 17.2341, 31.0180**, and the grayscale version is **20.9649, 22.0568, 24.0198**.

A 20% lighter version of the original color is **40.1546, 52.1280, 36.3791**, and **6.3748, 9.8408, 4.6954** is the 20% darker color. If you saturate the color by 10%, you get **16.2672, 24.3967, 12.0355**, and if you desaturate by 10%, it is **20.8824, 26.6120, 19.6594**.

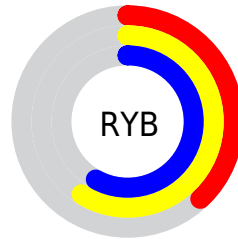
Distribution



Red (39%)

Green (59%)

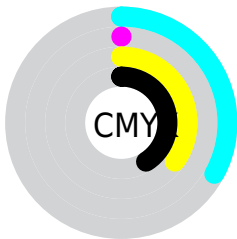
Blue (38%)



Red (38%)

Yellow (59%)

Blue (58%)

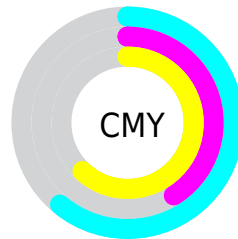


Cyan (33%)

Magenta (0%)

Yellow (35%)

Black (41%)



Cyan (61%)

Magenta (41%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3665, 25.4039, 15.4907 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 18.3665, 25.4039, 15.4907 by changing the saturation by 10% instead.

■ 18.3665, 25.4039,
15.4907

■ 18.3665, 25.4039,
15.4907

235.9346,
279.8435, 238.0596

■ 11.3147, 16.3782,
9.0141

■ 40.1861, 52.3117,
36.4661

■ 6.3478, 9.7922,
4.6534

■ 55.6845, 70.9626,
51.8020

■ 3.1003, 5.2614,
1.9902

■ 74.7293, 93.5908,
70.9281

■ 1.2070, 2.4014,
0.5493

■ 97.6857, 120.5805,
94.2628

■ 0.1119, 0.8266,
0.0000

124.9190,
152.3163, 122.2248

■ 0.0000, 0.0000,
0.0000

156.7948,

189.1824, 155.2326

193.6782,
231.5633, 193.7047

■ 18.3665, 25.4039,
15.4907

■ 18.3665, 25.4039,
15.4907

■ 16.2672, 24.3967,
12.0355

■ 20.8824, 26.6120,
19.6594

■ 14.5601, 23.5765,
9.2523

■ 23.8335, 28.0275,
24.5765

■ 13.2215, 22.9327,
7.0978


■ 27.2398, 29.6609,
30.2771


■ 12.2241, 22.4524,
5.5232


■ 31.1194, 31.5207,
36.7930


■ 11.5372, 22.1208,
4.4723


■ 35.4894, 33.6151,
44.1547


 11.1235, 21.9204,
3.8745

 40.3662, 35.9519,
52.3908

 10.9791, 21.8510,
3.6390

 45.7652, 38.5386,
61.5289

 51.7013, 41.3821,
71.5951

 58.1889, 44.4894,
82.6146

Harmonies

Analogous

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



21.3402, 25.4039, 11.1573



18.3665, 25.4039, 15.4907



16.9860, 25.4039, 24.2254

Triad

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



18.3665, 25.4039, 15.4907



22.9144, 25.4039, 57.5427



32.5297, 25.4039, 20.1083

Complementary

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



18.3665, 25.4039, 15.4907



22.0866, 17.2341, 31.0180

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.



33.0783, 25.4039, 31.4059



18.3665, 25.4039, 15.4907



27.1868, 25.4039, 55.4808

Square

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



18.3665, 25.4039, 15.4907



19.4035, 25.4039, 49.9676



31.0253, 25.4039, 44.9554



29.6036, 25.4039, 13.2330

Rectangle

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



18.3665, 25.4039, 15.4907



17.0294, 25.4039, 32.3842



31.0253, 25.4039, 44.9554



33.0107, 25.4039, 23.4201

Sweetspot

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



18.3672, 25.4050, 15.4913



44.6446, 50.7001, 47.6925



25.2795, 28.3593, 15.6972



9.7279, 11.1562, 10.2918



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.



18.3672, 25.4050, 15.4913



29.3350, 43.3546, 22.2696



19.4200, 25.8009, 22.1753



5.7490, 6.4784, 6.1879



9.1118, 18.1251, 3.0183



0.1156, 0.2240, 0.0371

Inverse Universe

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



22.0866, 17.2341, 31.0180



36.9572, 26.5975, 54.1072



20.7510, 16.7420, 22.0809



6.0135, 5.8980, 7.2912



14.1452, 6.7647, 24.4912



0.1787, 0.0856, 0.3000

Previews

White Background



This preview shows how the XYZ color 18.3665, 25.4039, 15.4907 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 18.3665, 25.4039, 15.4907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

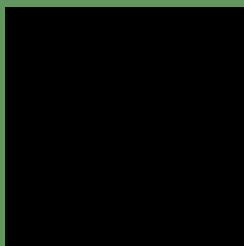
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.3665, 25.4039, 15.4907

Background



This preview shows how black text looks on a background with the XYZ color 18.3665, 25.4039, 15.4907.



This preview shows how white text looks on a background with the XYZ color 18.3665, 25.4039,

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

18.3665, 25.4039, 15.4907

Protanopia

23.3159, 25.0712, 13.9663

Deuteranopia

25.5498, 25.1432, 16.0769



Tritanopia

22.0856, 25.2930, 34.2899

Trichromacy



Original Color

18.3665, 25.4039, 15.4907

Protanomaly

21.0986, 24.9975, 14.5395

Deuteranomaly

22.2290, 24.8938, 15.9453

Tritanomaly

20.5258, 25.3432, 26.3642

Monochromacy



Original Color

18.3665, 25.4039, 15.4907

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.6869, 23.0509, 20.5512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3665, 25.4039, 15.4907 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(100, 150, 98)` looks like.

```
.text, #text, p{  
    color:rgb(100, 150, 98)  
}
```

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(100, 150, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 150, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.3665, 25.4039, 15.4907 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(100, 150, 98) }
```


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

```
.border{ border-color:rgb(100, 150, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 150, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 150, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 150, 98);  
box-shadow:4px 4px 4px 4px rgb(100, 150,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3665, 25.4039, 15.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 150, 98) }
```

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

```
.background{ background-color: rgb(100,  
150, 98) }
```

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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