

Converting Colors

XYZ(17.9937, 25.2026, 14.9065)

Have a look what the booklet for
XYZ(17.9937, 25.2026, 14.9065)
contains.

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Color

**XYZ(18.0547, 25.2539,
14.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	629660
RGB	98, 150, 96
RGB Percent	38%, 59%, 38%
CMY	0.6157, 0.4118, 0.6235
CMYK	0.35, 0.00, 0.36, 0.41
HSL	118°, 22%, 48%
HSV	118°, 36%, 59%
XYZ	18.0547, 25.2539, 14.9892
YIQ	128.2960, -13.6580, -27.8180

Conversions

Conversions Part 2

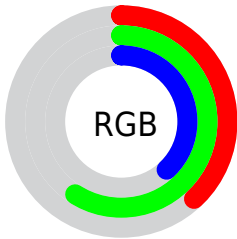
Format	Color
R_{YB}	96, 150, 148
Decimal	6461024
CIE _{Lab}	57.32, -28.62, 23.15
CIE _{LCh}	57, 36.810, 141.034
Yxy	25.2539, 0.3097, 0.4332
Android (android.graphics.Color)	4284651104 (0xFF629660)
YUV	128.2960, -15.9219, -26.5696
Hunter-Lab	50.2533, -23.8128, 17.4927

Details

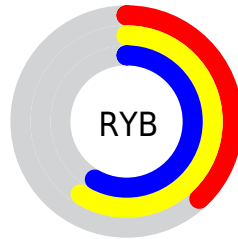
The XYZ color **18.0547, 25.2539, 14.9892** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.9017, 16.8643, 30.9563**, and the grayscale version is **20.6782, 21.7551, 23.6913**.

A 20% lighter version of the original color is **39.8603, 52.3485, 35.6072**, and **6.2351, 9.7738, 4.4636** is the 20% darker color. If you saturate the color by 10%, you get **16.0086, 24.2722, 11.6261**, and if you desaturate by 10%, it is **20.5152, 26.4355, 19.0607**.

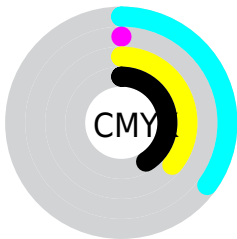
Distribution



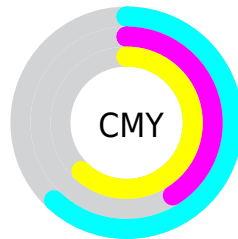
- Red (38%)
- Green (59%)
- Blue (38%)



- Red (38%)
- Yellow (59%)
- Blue (58%)



- Cyan (35%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0547, 25.2539, 14.9892 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 18.0547, 25.2539, 14.9892 by changing the saturation by 10% instead.

■ 18.0547, 25.2539,
14.9892

■ 18.0547, 25.2539,
14.9892

234.2188,
279.1000, 234.9394

■ 11.0892, 16.2663,
8.6653

■ 39.6599, 52.0688,
35.5763

■ 6.1946, 9.7128,
4.4297

■ 55.0302, 70.6650,
50.6765

■ 3.0055, 5.2090,
1.8639

■ 73.9329, 93.2327,
69.5392

■ 1.1567, 2.3704,
0.4696

■ 96.7333, 120.1565,
92.5830

■ 0.0718, 0.8106,
0.0000

123.7967,
151.8208, 120.2263

■ 0.0000, 0.0000,
0.0000

155.4885,

188.6098, 152.8878

192.1741,
230.9081, 190.9860

■ 18.0547, 25.2539,
14.9892

■ 18.0547, 25.2539,
14.9892

■ 16.0086, 24.2722,
11.6261

■ 20.5152, 26.4355,
19.0607

■ 14.3524, 23.4763,
8.9293

■ 23.4090, 27.8237,
23.8761

■ 13.0617, 22.8555,
6.8552


■ 26.7564, 29.4290,
29.4704


■ 12.1090, 22.3966,
5.3539


■ 30.5757, 31.2601,
35.8760


■ 11.4625, 22.0845,
4.3681


■ 34.8842, 33.3253,
43.1234


 11.0822, 21.9003,
3.8154

 39.6982, 35.6323,
51.2416

 10.9764, 21.8495,
3.6389

 45.0336, 38.1888,
60.2582

 50.9053, 41.0018,
70.1995

 57.3277, 44.0782,
81.0909

Harmonies

Analogous

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



21.1169, 25.2539, 10.6189



18.0547, 25.2539, 14.9892



16.6351, 25.2539, 23.9211

Triad

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



18.0547, 25.2539, 14.9892



22.7196, 25.2539, 58.7020



32.7131, 25.2539, 19.7456

Complementary

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



18.0547, 25.2539, 14.9892



21.9017, 16.8643, 30.9563

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.



33.2773, 25.2539, 31.4131



18.0547, 25.2539, 14.9892



27.1410, 25.2539, 56.5616

Square

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



18.0547, 25.2539, 14.9892



19.1057, 25.2539, 50.7204



31.1325, 25.2539, 45.5370



29.6731, 25.2539, 12.7304

Rectangle

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



18.0547, 25.2539, 14.9892



16.6763, 25.2539, 32.3554



31.1325, 25.2539, 45.5370



33.2120, 25.2539, 23.1514

Sweetspot

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



18.0553, 25.2550, 14.9898



44.0337, 50.4069, 46.6816



25.1705, 28.2907, 15.2007



9.6030, 11.0963, 10.0855



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.



18.0553, 25.2550, 14.9898



28.9685, 43.1780, 21.6926



19.1394, 25.6640, 21.8105



5.7483, 6.4781, 6.1879



9.1093, 18.1239, 3.0182



0.1154, 0.2239, 0.0371

Inverse Universe

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



21.9017, 16.8643, 30.9563



36.7556, 26.1781, 54.0369



20.5080, 16.3490, 21.7129



6.0143, 5.8984, 7.2912



14.1758, 6.7804, 24.4926



0.1788, 0.0857, 0.3000

Previews

White Background



This preview shows how the XYZ color 18.0547, 25.2539, 14.9892 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 18.0547, 25.2539, 14.9892 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 18.0547, 25.2539, 14.9892

Background



This preview shows how black text looks on a background with the XYZ color 18.0547, 25.2539, 14.9892.



This preview shows how white text looks on a background with the XYZ color 18.0547, 25.2539,

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

18.0547, 25.2539, 14.9892

Protanopia

23.2284, 25.0362, 13.5057

Deuteranopia

25.3168, 24.8341, 15.5157



Tritanopia

21.9619, 25.2292, 34.2841

Trichromacy



Original Color

18.0547, 25.2539, 14.9892

Protanomaly

20.8547, 24.8821, 14.0595

Deuteranomaly

21.9881, 24.5668, 15.3873

Tritanomaly

20.3382, 25.2545, 25.9930

Monochromacy



Original Color

18.0547, 25.2539, 14.9892

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.2927, 22.6512, 19.8783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0547, 25.2539, 14.9892 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(98, 150, 96)` looks like.

```
.text, #text, p{  
    color:rgb(98, 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(98, 150, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 150, 96) }
```

Border

The CSS property to change the border of an element to XYZ 18.0547, 25.2539, 14.9892 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(98, 150, 96) }
```


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

```
.border{ border-color:rgb(98, 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(98, 150, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 150, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 150, 96);  
box-shadow:4px 4px 4px 4px rgb(98, 150,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0547, 25.2539, 14.9892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 150, 96) }
```

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

```
.background{ background-color: rgb(98, 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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