

Converting Colors

XYZ(16.1448, 23.0025, 15.0311)

Have a look what the booklet for
XYZ(16.1448, 23.0025, 15.0311)
contains.

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Color

**XYZ(16.2605, 23.1589,
15.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	579162
RGB	87, 145, 98
RGB Percent	34%, 57%, 38%
CMY	0.6588, 0.4314, 0.6157
CMYK	0.40, 0.00, 0.32, 0.43
HSL	131°, 25%, 45%
HSV	131°, 40%, 57%
XYZ	16.2605, 23.1589, 15.1684
YIQ	122.3000, -19.4810, -26.9130

Conversions

Conversions Part 2

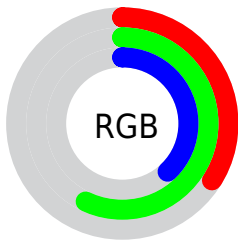
Format	Color
RYB	87, 136, 145
Decimal	5738850
CIELab	55.24, -29.48, 19.14
CIElCh	55, 35.151, 147.007
Yxy	23.1589, 0.2979, 0.4243
Android (android.graphics.Color)	4283928930 (0xFF579162)
YUV	122.3000, -11.9799, -30.9581
Hunter-Lab	48.1237, -23.9032, 14.9986

Details

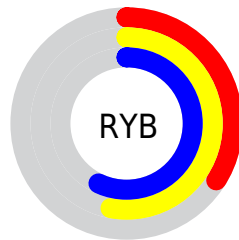
The XYZ color **16.2605, 23.1589, 15.1684** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3891, 14.5578, 24.3431**, and the grayscale version is **18.6398, 19.6105, 21.3559**.

A 20% lighter version of the original color is **36.4957, 48.5057, 35.8728**, and **5.3278, 8.6195, 4.5149** is the 20% darker color. If you saturate the color by 10%, you get **14.5257, 22.3247, 12.4008**, and if you desaturate by 10%, it is **18.3500, 24.1678, 18.3788**.

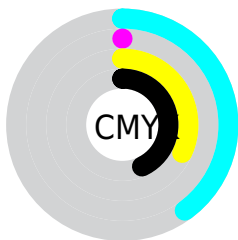
Distribution



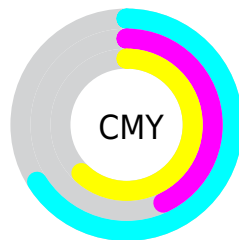
- Red (34%)
- Green (57%)
- Blue (38%)



- Red (34%)
- Yellow (53%)
- Blue (57%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (43%)



- Cyan (66%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2605, 23.1589, 15.1684 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 16.2605, 23.1589, 15.1684 by changing the saturation by 10% instead.

■ 16.2605, 23.1589,
15.1684

■ 16.2605, 23.1589,
15.1684

224.1143,
268.5401, 236.0590

■ 9.8007, 14.7109,
8.7897

■ 36.6037, 48.6541,
35.8948

■ 5.3283, 8.6167,
4.5093

■ 51.2177, 66.4701,
51.0796

■ 2.4778, 4.4920,
1.9087

■ 69.2806, 88.1775,
70.0369

■ 0.8841, 1.9524,
0.4983

■ 91.1576, 114.1608,
93.1852

■ 0.0000, 0.5796,
0.0000

■ 117.2141,
144.8043, 120.9430

■ 0.0000, 0.0000,
0.0000

147.8155,

180.4924, 153.7289

183.3271,
221.6095, 191.9614

■ 16.2605, 23.1589,
15.1684

■ 16.2605, 23.1589,
15.1684

■ 14.5257, 22.3247,
12.4008

■ 18.3500, 24.1678,
18.3788

■ 13.1238, 21.6525,
10.0551

■ 20.8106, 25.3576,
22.0486

■ 12.0335, 21.1323,
8.1109


■ 23.6600, 26.7378,
26.1956


■ 11.2301, 20.7519,
6.5457


■ 26.9143, 28.3161,
30.8360


■ 10.6852, 20.4973,
5.3345


■ 30.5885, 30.1000,
35.9853

 10.3295, 20.3332,
4.4479

 34.6968, 32.0966,
41.6583

 39.2530, 34.3127,
47.8693

 44.2701, 36.7546,
54.6319

 49.7605, 39.4285,
61.9594

Harmonies

Analogous

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



18.7543, 23.1589, 10.4270



16.2605, 23.1589, 15.1684



15.2925, 23.1589, 24.1024

Triad

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



16.2605, 23.1589, 15.1684



21.6195, 23.1589, 53.6056



29.4576, 23.1589, 16.6070

Complementary

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



16.2605, 23.1589, 15.1684



19.3891, 14.5578, 24.3431

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.



30.4573, 23.1589, 26.3636



16.2605, 23.1589, 15.1684



25.6263, 23.1589, 49.8427

Square

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



16.2605, 23.1589, 15.1684



18.1465, 23.1589, 48.0832



28.9808, 23.1589, 38.9386



26.3904, 23.1589, 11.0672

Rectangle

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



16.2605, 23.1589, 15.1684



15.5452, 23.1589, 32.0935



28.9808, 23.1589, 38.9386



30.0613, 23.1589, 19.3989

Sweetspot

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



16.2611, 23.1599, 15.1689



41.1597, 47.2949, 45.1638



21.7367, 26.0386, 12.8973



9.0257, 10.4579, 9.8579



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2611, 23.1599, 15.1689



26.2955, 40.1146, 22.6681



17.8635, 23.8008, 23.6069



5.3821, 6.0451, 5.9780



8.8673, 17.4428, 3.8553



0.0910, 0.1692, 0.0695

Inverse Universe

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



19.3891, 14.5578, 24.3431



32.6917, 22.4993, 41.4089



17.6546, 13.8641, 15.2096



5.5830, 5.4937, 6.5681



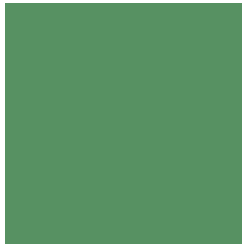
12.8041, 6.2787, 15.1515



0.1297, 0.0630, 0.1833

Previews

White Background



This preview shows how the XYZ color 16.2605, 23.1589, 15.1684 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 16.2605, 23.1589, 15.1684 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 16.2605, 23.1589, 15.1684

Background



This preview shows how black text looks on a background with the XYZ color 16.2605, 23.1589, 15.1684.



This preview shows how white text looks on a background with the XYZ color 16.2605, 23.1589,

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

16.2605, 23.1589, 15.1684

Protanopia

21.3384, 23.0260, 13.4450

Deuteranopia

23.1856, 22.7510, 15.7398



Tritanopia

19.7746, 23.2639, 32.3023

Trichromacy



Original Color

16.2605, 23.1589, 15.1684

Protanomaly

18.9921, 22.8370, 13.9967

Deuteranomaly

19.9424, 22.4605, 15.5961

Tritanomaly

18.2377, 23.0681, 24.9641

Monochromacy



Original Color

16.2605, 23.1589, 15.1684

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.2699, 20.4087, 18.6518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2605, 23.1589, 15.1684 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(87, 145, 98)` looks like.

```
.text, #text, p{  
    color:rgb(87, 145, 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(87, 145, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 145, 98) }
```

Border

The CSS property to change the border of an element to XYZ 16.2605, 23.1589, 15.1684 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(87, 145, 98) }
```


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

```
.border{ border-color:rgb(87, 145, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 145, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 145, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 145, 98);  
box-shadow:4px 4px 4px 4px rgb(87, 145,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2605, 23.1589, 15.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 145, 98) }
```

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

```
.background{ background-color: rgb(87, 145,  
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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