

Converting Colors

XYZ(15.2702, 21.4828, 16.2483)

Have a look what the booklet for
XYZ(15.2702, 21.4828, 16.2483)
contains.

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Color

**XYZ(15.3059, 21.5293,
16.1808)**

Conversions

Conversions Part 1

Format	Color
Hex	528C67
RGB	82, 140, 103
RGB Percent	32%, 55%, 40%
CMY	0.6784, 0.4510, 0.5961
CMYK	0.41, 0.00, 0.26, 0.45
HSL	142°, 26%, 44%
HSV	142°, 41%, 55%
XYZ	15.3059, 21.5293, 16.1808
YIQ	118.4400, -22.6910, -23.8030

Conversions

Conversions Part 2

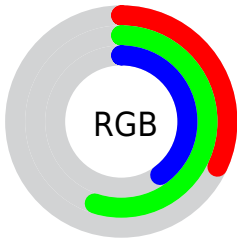
Format	Color
RYB	82, 125, 140
Decimal	5409895
CIELab	53.52, -27.65, 13.93
CIElCh	54, 30.959, 153.253
Yxy	21.5293, 0.2887, 0.4061
Android (android.graphics.Color)	4283599975 (0xFF528C67)
YUV	118.4400, -7.6119, -31.9579
Hunter-Lab	46.3997, -22.3175, 11.8038

Details

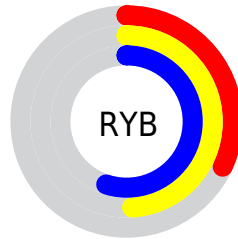
The XYZ color **15.3059, 21.5293, 16.1808** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.1629, 12.9423, 19.0470**, and the grayscale version is **17.3867, 18.2921, 19.9201**.

A 20% lighter version of the original color is **34.9560, 45.9850, 37.6055**, and **4.8513, 7.7216, 4.9761** is the 20% darker color. If you saturate the color by 10%, you get **13.7859, 20.7954, 13.8935**, and if you desaturate by 10%, it is **17.1233, 22.4122, 18.7330**.

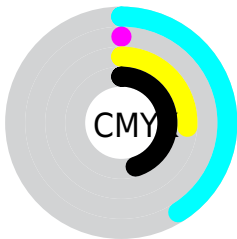
Distribution



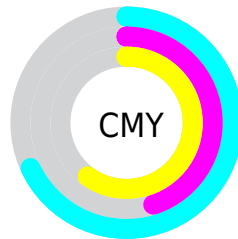
- Red (32%)
- Green (55%)
- Blue (40%)



- Red (32%)
- Yellow (49%)
- Blue (55%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (45%)



- Cyan (68%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3059, 21.5293, 16.1808 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 15.3059, 21.5293, 16.1808 by changing the saturation by 10% instead.

■ 15.3059, 21.5293,
16.1808

■ 15.3059, 21.5293,
16.1808

218.5622,
260.0782, 242.2883

■ 9.1221, 13.5114,
9.4964

■ 34.9562, 45.9668,
37.6829

■ 4.8786, 7.7817,
4.9652

■ 49.1534, 63.1552,
53.3378

■ 2.2103, 3.9556,
2.1685

■ 66.7524, 84.1693,
72.8199

■ 0.7481, 1.6487,
0.6561

■ 88.1186, 109.3934,
96.5479

■ 0.0000, 0.3901,
0.0000

■ 113.6173,
139.2120, 124.9401

■ 0.0000, 0.0000,
0.0000

143.6139,

174.0094, 158.4152

178.4737,
214.1700, 197.3918

■ 15.3059, 21.5293,
16.1808

■ 15.3059, 21.5293,
16.1808

■ 13.7859, 20.7954,
13.8935

■ 17.1233, 22.4122,
18.7330

■ 12.5450, 20.1994,
11.8609

■ 19.2519, 23.4492,
21.5568

■ 11.5653, 19.7328,
10.0746

■ 21.7064, 24.6484,
24.6606

■ 10.8259, 19.3852,
8.5249

■ 24.5002, 26.0165,
28.0517

■ 10.3026, 19.1442,
7.2013

■ 27.6460, 27.5599,
31.7375

■ 9.9693, 18.9933,
6.2369

■ 31.1556, 29.2846,
35.7249

■ 35.0405, 31.1962,
40.0206

■ 39.3114, 33.3004,
44.6311

■ 43.9789, 35.6022,
49.5628

Harmonies

Analogous

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



17.1786, 21.5293, 11.2971



15.3059, 21.5293, 16.1808



14.7618, 21.5293, 24.4877

Triad

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



15.3059, 21.5293, 16.1808



20.8250, 21.5293, 46.6535



26.2379, 21.5293, 14.8261

Complementary

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



15.3059, 21.5293, 16.1808



17.1629, 12.9423, 19.0470

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.



27.4703, 21.5293, 22.4260



15.3059, 21.5293, 16.1808



24.1413, 21.5293, 42.1475

Square

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



15.3059, 21.5293, 16.1808



17.7394, 21.5293, 43.6900



26.6650, 21.5293, 32.6030



23.4519, 21.5293, 10.6753

Rectangle

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



15.3059, 21.5293, 16.1808



15.1717, 21.5293, 31.3685



26.6650, 21.5293, 32.6030



26.8604, 21.5293, 16.9773

Sweetspot

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



15.3065, 21.5302, 16.1813



37.8891, 43.2692, 43.0063



18.6060, 23.3380, 11.5068



8.6146, 9.9136, 9.7653



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.3065, 21.5302, 16.1813



24.3958, 36.7058, 24.6370



16.9755, 22.1978, 24.9703



5.0418, 5.6362, 5.7412



8.8666, 16.8792, 5.5881



0.0655, 0.1148, 0.0717

Inverse Universe

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



17.1629, 12.9423, 19.0470



28.1354, 19.3778, 30.3882



15.7085, 12.3605, 11.3879



5.1583, 5.0987, 5.9219



11.2333, 5.6034, 8.9987



0.0817, 0.0400, 0.0969

Previews

White Background



This preview shows how the XYZ color 15.3059, 21.5293, 16.1808 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 15.3059, 21.5293, 16.1808 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 15.3059, 21.5293, 16.1808

Background



This preview shows how black text looks on a background with the XYZ color 15.3059, 21.5293, 16.1808.



This preview shows how white text looks on a background with the XYZ color 15.3059, 21.5293,

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

15.3059, 21.5293, 16.1808

Protanopia

19.9004, 21.2761, 14.3671

Deuteranopia

21.6460, 21.1836, 16.8579



Tritanopia

18.0496, 21.3698, 29.9615

Trichromacy



Original Color

15.3059, 21.5293, 16.1808

Protanomaly

17.7059, 21.1164, 14.9471

Deuteranomaly

18.6202, 20.9521, 16.6984

Tritanomaly

16.8579, 21.2947, 24.3409

Monochromacy



Original Color

15.3059, 21.5293, 16.1808

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.2672, 19.1172, 18.4554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3059, 21.5293, 16.1808 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(82, 140, 103)` looks like.

```
.text, #text, p{  
    color:rgb(82, 140, 103)  
}
```

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(82, 140, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 140, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.3059, 21.5293, 16.1808 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(82, 140, 103) }
```


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

```
.border{ border-color:rgb(82, 140, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 140, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 140, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 140, 103);  
box-shadow:4px 4px 4px 4px rgb(82, 140,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3059, 21.5293, 16.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 140, 103) }
```

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

```
.background{ background-color: rgb(82, 140,  
103) }
```

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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