

Converting Colors

XYZ(24.4520, 35.9354, 19.8327)

Have a look what the booklet for
XYZ(24.4520, 35.9354, 19.8327)
contains.

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Color

**XYZ(24.4529, 35.9268,
19.8331)**

Conversions

Conversions Part 1

Format	Color
Hex	69B26C
RGB	105, 178, 108
RGB Percent	41%, 70%, 42%
CMY	0.5882, 0.3019, 0.5765
CMYK	0.41, 0.00, 0.39, 0.30
HSL	122°, 32%, 55%
HSV	122°, 41%, 70%
XYZ	24.4529, 35.9268, 19.8331
YIQ	148.1930, -21.0380, -37.2460

Conversions

Conversions Part 2

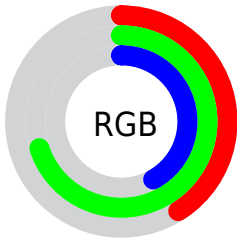
Format	Color
RYB	105, 175, 178
Decimal	6926956
CIELab	66.46, -37.44, 28.81
CIELCh	66, 47.242, 142.427
Yxy	35.9268, 0.3049, 0.4479
Android (android.graphics.Color)	4285117036 (0xFF69B26C)
YUV	148.1930, -19.8151, -37.8803
Hunter-Lab	59.9390, -32.0717, 22.3389

Details

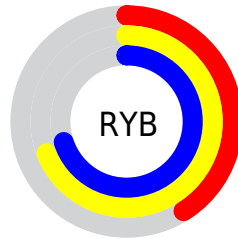
The XYZ color **24.4529, 35.9268, 19.8331** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.1507, 22.6640, 43.2916**, and the grayscale version is **28.3161, 29.7908, 32.4421**.

A 20% lighter version of the original color is **50.0661, 68.7546, 43.8899**, and **9.4883, 15.6868, 6.6654** is the 20% darker color. If you saturate the color by 10%, you get **21.7558, 34.6323, 15.4205**, and if you desaturate by 10%, it is **27.7673, 37.5210, 25.2045**.

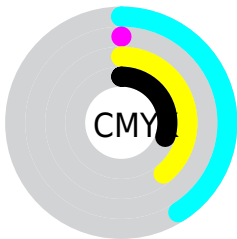
Distribution



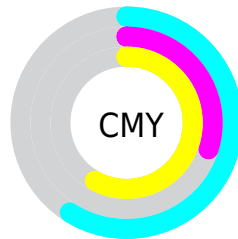
- Red (41%)
- Green (70%)
- Blue (42%)



- Red (41%)
- Yellow (69%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (39%)
- Black (30%)



- Cyan (59%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4529, 35.9268, 19.8331 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 24.4529, 35.9268, 19.8331 by changing the saturation by 10% instead.

■ 24.4529, 35.9268,
19.8331

■ 24.4529, 35.9268,
19.8331

267.5004,
328.6405, 263.5844

■ 15.7965, 24.3777,
12.0909

■ 50.2176, 68.9191,
43.9925

■ 9.4702, 15.6140,
6.6823

■ 68.0565, 91.1310,
61.2467

■ 5.1087, 9.2514,
3.1888

■ 89.6871, 117.6660,
82.5088

■ 2.3466, 4.9055,
1.1918

■ 115.4745,
148.9084, 108.1971

■ 0.8183, 2.1919,
0.0000

145.7842,
185.2427, 138.7303

■ 0.0000, 0.7156,
0.0000

180.9815,

■ 0.0000, 0.0000,

227.0532, 174.5269

0.0000

221.4318,
274.7243, 216.0054

■ 24.4529, 35.9268,
19.8331

■ 24.4529, 35.9268,
19.8331

■ 21.7558, 34.6323,
15.4205

■ 27.7673, 37.5210,
25.2045

■ 19.6353, 33.6147,
11.9081

■ 31.7310, 39.4273,
31.5838

■ 18.0502, 32.8551,
9.2346


■ 36.3770, 41.6626,
39.0199


■ 16.9526, 32.3303,
7.3301


■ 41.7353, 44.2415,
47.5576


■ 16.2860, 32.0129,
6.1135


■ 47.8342, 47.1776,
57.2392

 15.9612, 31.8583,
5.5181

 54.7003, 50.4838,
68.1047

 62.3590, 54.1724,
80.1923

 70.8344, 58.2551,
93.5383

 75.2111, 60.3222,
102.2870

Harmonies

Analogous

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



29.2119, 35.9268, 13.0111



24.4529, 35.9268, 19.8331



22.3507, 35.9268, 34.2010

Triad

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



24.4529, 35.9268, 19.8331



32.3842, 35.9268, 91.9010



48.3426, 35.9268, 26.0480

Complementary

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



24.4529, 35.9268, 19.8331



31.1507, 22.6640, 43.2916

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.



49.5003, 35.9268, 44.4855



24.4529, 35.9268, 19.8331



39.6095, 35.9268, 87.3667

Square

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



24.4529, 35.9268, 19.8331



26.4997, 35.9268, 78.8771



46.1153, 35.9268, 68.0383



43.1407, 35.9268, 15.6372

Rectangle

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



24.4529, 35.9268, 19.8331



22.5020, 35.9268, 48.1237



46.1153, 35.9268, 68.0383



49.2443, 35.9268, 31.3126

Sweetspot

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



24.4538, 35.9283, 19.8339



64.8901, 75.0322, 69.0411



36.2784, 42.0423, 19.5678



14.1256, 16.5027, 14.8953



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.4538, 35.9283, 19.8339



39.9653, 63.0477, 28.8084



26.7761, 36.8572, 32.0627



8.4027, 9.4956, 9.1141



11.4257, 22.7962, 3.9785



0.3642, 0.7191, 0.1497

Inverse Universe

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



31.1507, 22.6640, 43.2916



53.7312, 35.7694, 77.0176



28.0778, 21.4349, 27.1100



8.8346, 8.6406, 10.6276



18.3806, 8.8698, 28.2281



0.5830, 0.2809, 0.9125

Previews

White Background



This preview shows how the XYZ color 24.4529, 35.9268, 19.8331 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.4529, 35.9268, 19.8331 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 ✓ Pass

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

XYZ 24.4529, 35.9268, 19.8331

Background



This preview shows how black text looks on a background with the XYZ color 24.4529, 35.9268, 19.8331.



This preview shows how white text looks on a background with the XYZ color 24.4529, 35.9268,

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

24.4529, 35.9268, 19.8331

Protanopia

32.7730, 35.5433, 17.4451

Deuteranopia

36.0787, 35.4025, 20.8514



Tritanopia

30.4809, 35.7879, 50.1010

Trichromacy



Original Color

24.4529, 35.9268, 19.8331



Protanomaly

28.8951, 35.1209, 18.3528



Deuteranomaly

30.5190, 34.8378, 20.4451



Tritanomaly

27.8235, 35.5502, 36.8479

Monochromacy



Original Color

24.4529, 35.9268, 19.8331



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.1475, 31.3953, 26.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4529, 35.9268, 19.8331 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(105, 178, 108)` looks like.

```
.text, #text, p{  
    color:rgb(105, 178, 108)  
}
```

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(105, 178, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 178, 108) }
```

Border

The CSS property to change the border of an element to XYZ 24.4529, 35.9268, 19.8331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

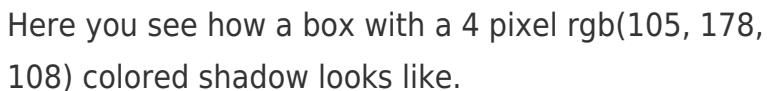
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 178, 108) }
```


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

```
.border{ border-color:rgb(105, 178, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 178, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 178, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 178, 108);  
box-shadow:4px 4px 4px 4px rgb(105, 178,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4529, 35.9268, 19.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 178, 108) }
```

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

```
.background{ background-color: rgb(105,  
178, 108) }
```

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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