

Converting Colors

XYZ(26.0359, 39.2242, 20.6462)

Have a look what the booklet for
XYZ(26.0359, 39.2242, 20.6462)
contains.

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Color

**XYZ(26.0281, 39.1650,
20.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	68BA6D
RGB	104, 186, 109
RGB Percent	41%, 73%, 43%
CMY	0.5922, 0.2706, 0.5725
CMYK	0.44, 0.00, 0.41, 0.27
HSL	124°, 37%, 57%
HSV	124°, 44%, 73%
XYZ	26.0281, 39.1650, 20.6558
YIQ	152.7040, -24.1550, -41.3310

Conversions

Conversions Part 2

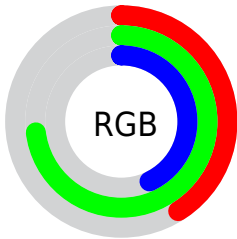
Format	Color
RYB	104, 181, 186
Decimal	6863469
CIELab	68.87, -41.13, 31.41
CIElCh	69, 51.752, 142.632
Yxy	39.1650, 0.3032, 0.4562
Android (android.graphics.Color)	4285053549 (0xFF68BA6D)
YUV	152.7040, -21.5461, -42.7134
Hunter-Lab	62.5819, -35.2795, 24.2381

Details

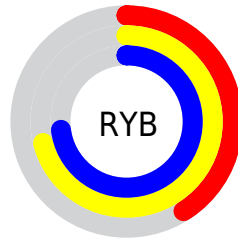
The XYZ color **26.0281, 39.1650, 20.6558** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **33.5416, 23.6765, 46.5192**, and the grayscale version is **30.2485, 31.8238, 34.6561**.

A 20% lighter version of the original color is **52.7817, 74.0453, 45.2285**, and **10.2858, 17.4572, 7.1024** is the 20% darker color. If you saturate the color by 10%, you get **23.2540, 37.8341, 16.0964**, and if you desaturate by 10%, it is **29.4672, 40.8194, 26.2232**.

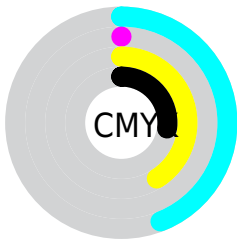
Distribution



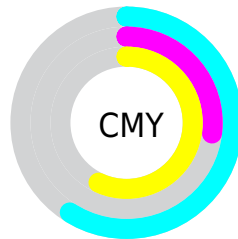
- Red (41%)
- Green (73%)
- Blue (43%)



- Red (41%)
- Yellow (71%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0281, 39.1650, 20.6558 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 26.0281, 39.1650, 20.6558 by changing the saturation by 10% instead.

■ 26.0281, 39.1650,
20.6558

■ 26.0281, 39.1650,
20.6558

275.1742,
342.5915, 268.1643

■ 16.9775, 26.8881,
12.6838

■ 52.7513, 73.8903,
45.3873

■ 10.3136, 17.4892,
7.0830

■ 71.1545, 97.1075,
62.9840

■ 5.6712, 10.5839,
3.4349

■ 93.4059, 124.7403,
84.6259

■ 2.6850, 5.7878,
1.3207

■ 119.8710,
157.1730, 110.7317

■ 0.9894, 2.7165,
0.0787

150.9150,
194.7901, 141.7199

■ 0.0000, 0.9856,
0.0000

186.9032,

■ 0.0000, 0.0000,

237.9760, 178.0090

0.0000

228.2012,
287.1150, 220.0176

■ 26.0281, 39.1650,
20.6558

■ 26.0281, 39.1650,
20.6558

■ 23.2540, 37.8341,
16.0964

■ 29.4672, 40.8194,
26.2232

■ 21.0991, 36.8010,
12.4823

■ 33.6074, 42.8113,
32.8512

■ 19.5167, 36.0441,
9.7480


■ 38.4856, 45.1599,
40.5916


■ 18.4520, 35.5368,
7.8183


■ 44.1352, 47.8812,
49.4924


■ 17.8394, 35.2472,
6.6058

■ 50.5878, 50.9906,
59.5984

 17.6221, 35.1444,
6.1820

 57.8730, 54.5025,
70.9524

 66.0190, 58.4306,
83.5948

 75.0527, 62.7878,
97.5644

 76.8497, 63.5994,
102.8332

Harmonies

Analogous

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



31.4707, 39.1650, 13.0316



26.0281, 39.1650, 20.6558



23.6526, 39.1650, 37.1007

Triad

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



26.0281, 39.1650, 20.6558



35.2356, 39.1650, 105.0947



53.7939, 39.1650, 27.4952

Complementary

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



26.0281, 39.1650, 20.6558



33.5416, 23.6765, 46.5192

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.



55.1941, 39.1650, 48.7137



26.0281, 39.1650, 20.6558



43.6415, 39.1650, 99.5212

Square

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



26.0281, 39.1650, 20.6558



28.4363, 39.1650, 89.6572



51.2455, 39.1650, 76.4215



47.6606, 39.1650, 15.8454

Rectangle

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



26.0281, 39.1650, 20.6558



23.8393, 39.1650, 53.3235



51.2455, 39.1650, 76.4215



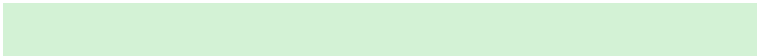
54.8672, 39.1650, 33.4951

Sweetspot

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



26.0291, 39.1666, 20.6567



70.5906, 82.2541, 74.8931



39.3270, 46.0522, 19.9130



15.0804, 17.8899, 15.7578



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.0291, 39.1666, 20.6567



42.2411, 68.6185, 29.3299



28.7016, 40.2357, 34.7301



8.9120, 10.0688, 9.6938



11.8651, 23.6470, 4.2114



0.4258, 0.8366, 0.1882

Inverse Universe

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



33.5416, 23.6765, 46.5192



57.6166, 36.8886, 82.2409



30.0014, 22.2604, 27.8765



9.3566, 9.1530, 11.2255



18.8165, 9.1004, 27.9842



0.6705, 0.3237, 1.0244

Previews

White Background



This preview shows how the XYZ color 26.0281, 39.1650, 20.6558 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 26.0281, 39.1650, 20.6558 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 26.0281, 39.1650, 20.6558

Background



This preview shows how black text looks on a background with the XYZ color 26.0281, 39.1650, 20.6558.



This preview shows how white text looks on a background with the XYZ color 26.0281, 39.1650,

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

26.0281, 39.1650, 20.6558

Protanopia

35.7454, 38.6640, 18.1493

Deuteranopia

39.4847, 38.6588, 21.6005



Tritanopia

32.8145, 38.8772, 55.0648

Trichromacy



Original Color

26.0281, 39.1650, 20.6558



Protanomaly

31.0123, 38.1620, 19.0961



Deuteranomaly

32.6857, 37.5675, 21.1513



Tritanomaly

29.8245, 38.8606, 39.6471

Monochromacy



Original Color

26.0281, 39.1650, 20.6558



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.9622, 33.8673, 28.7302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0281, 39.1650, 20.6558 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(104, 186, 109)` looks like.

```
.text, #text, p{  
    color:rgb(104, 186, 109)  
}
```

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(104, 186, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 186, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.0281, 39.1650, 20.6558 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(104, 186, 109) }
```


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

```
.border{ border-color:rgb(104, 186, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 186, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 186, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 186, 109); box-shadow:4px 4px 4px 4px rgb(104, 186, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0281, 39.1650, 20.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 186, 109) }
```

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

```
.background{ background-color: rgb(104,  
186, 109) }
```

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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