

Converting Colors

XYZ(29.6139, 39.4072, 18.1507)

Have a look what the booklet for
XYZ(29.6139, 39.4072, 18.1507)
contains.

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Color

**XYZ(29.6393, 39.5433,
18.1271)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB564
RGB	140, 181, 100
RGB Percent	55%, 71%, 39%
CMY	0.4510, 0.2902, 0.6078
CMYK	0.23, 0.00, 0.45, 0.29
HSL	90°, 35%, 55%
HSV	90°, 45%, 71%
XYZ	29.6393, 39.5433, 18.1271
YIQ	159.5070, 1.5650, -33.8830

Conversions

Conversions Part 2

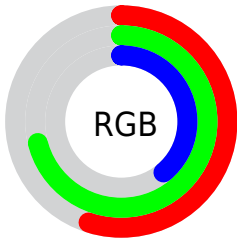
Format	Color
RYB	100, 181, 141
Decimal	9221476
CIELab	69.14, -27.93, 36.77
CIELCh	69, 46.180, 127.219
Yxy	39.5433, 0.3395, 0.4529
Android (android.graphics.Color)	4287411556 (0xFF8CB564)
YUV	159.5070, -29.3370, -17.1076
Hunter-Lab	62.8835, -25.9124, 26.9272

Details

The XYZ color **29.6393, 39.5433, 18.1271** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **23.8840, 18.1145, 45.9559**, and the grayscale version is **33.3177, 35.0528, 38.1725**.

A 20% lighter version of the original color is **58.4574, 74.4375, 40.9926**, and **12.3412, 17.7521, 5.9080** is the 20% darker color. If you saturate the color by 10%, you get **27.3788, 38.4694, 13.9454**, and if you desaturate by 10%, it is **32.2250, 40.7648, 23.3416**.

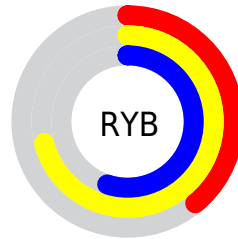
Distribution



Red (55%)

Green (71%)

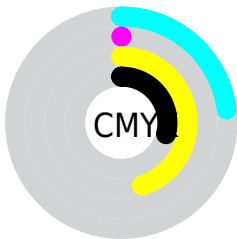
Blue (39%)



Red (39%)

Yellow (71%)

Blue (55%)

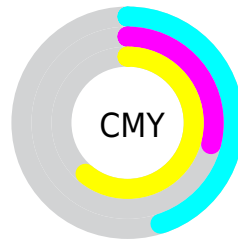


Cyan (23%)

Magenta (0%)

Yellow (45%)

Black (29%)



Cyan (45%)

Magenta (29%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6393, 39.5433, 18.1271 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 29.6393, 39.5433, 18.1271 by changing the saturation by 10% instead.

■ 29.6393, 39.5433,
18.1271

■ 29.6393, 39.5433,
18.1271

292.1596,
344.1949, 253.8466

■ 19.7117, 27.1826,
10.8709

■ 58.4818, 74.4676,
41.0706

■ 12.2927, 17.7104,
5.8670

■ 78.1275, 97.8000,
57.5951

■ 7.0169, 10.7423,
2.6969

■ 101.7431,
125.5584, 78.0460

■ 3.5191, 5.8938,
0.9419

■ 129.6942,
158.1273, 102.8419

■ 1.4339, 2.7806,
0.0000

162.3460,
195.8909, 132.4014

■ 0.2802, 1.0183,
0.0000

200.0640,

■ 0.0000, 0.0000,

239.2338, 167.1429

0.0000

243.2134,
288.5404, 207.4852

■ 29.6393, 39.5433,
18.1271

■ 29.6393, 39.5433,
18.1271

■ 27.3788, 38.4694,
13.9454

■ 32.2250, 40.7648,
23.3416

■ 25.4245, 37.5312,
10.7252

■ 35.1477, 42.1349,
29.6487

■ 23.7594, 36.7228,
8.3899


■ 38.4224, 43.6614,
37.1070


■ 22.3632, 36.0356,
6.8506


■ 42.0620, 45.3497,
45.7700


■ 21.2120, 35.4598,
5.9993


■ 46.0786, 47.2050,
55.6877

 20.6808, 35.1920,
5.7027

 50.4840, 49.2323,
66.9075

 55.2891, 51.4362,
79.4742

 60.5046, 53.8214,
93.4305

 64.8413, 55.8725,
101.9747

Harmonies

Analogous

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



35.8297, 39.5433, 14.0161



29.6393, 39.5433, 18.1271



25.9622, 39.5433, 29.1609

Triad

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



29.6393, 39.5433, 18.1271



32.3543, 39.5433, 92.4374



53.4908, 39.5433, 38.1487

Complementary

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



29.6393, 39.5433, 18.1271



23.8840, 18.1145, 45.9559

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.



52.2426, 39.5433, 60.7839



29.6393, 39.5433, 18.1271



39.3961, 39.5433, 97.2577

Square

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



29.6393, 39.5433, 18.1271



27.3806, 39.5433, 72.6078



46.8366, 39.5433, 84.1968



50.0532, 39.5433, 22.8578

Rectangle

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



29.6393, 39.5433, 18.1271



25.1197, 39.5433, 41.1147



46.8366, 39.5433, 84.1968



53.6121, 39.5433, 45.0574

Sweetspot

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



29.6403, 39.5450, 18.1280



69.7673, 78.6375, 68.6923



30.8092, 29.6480, 16.1560



14.7861, 16.8601, 14.1624



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.



29.6403, 39.5450, 18.1280



48.9757, 68.8674, 24.8754



24.0809, 36.6791, 17.8678



8.7753, 9.6892, 9.0602



14.3360, 24.3006, 3.9349



0.5184, 0.7993, 0.1270

Inverse Universe

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



23.8840, 18.1145, 45.9559



37.3146, 25.4583, 81.2419



31.9554, 22.2754, 46.3337



8.4383, 8.4345, 10.6896



8.8469, 3.8965, 30.4228



0.3455, 0.1572, 0.9604

Previews

White Background



This preview shows how the XYZ color 29.6393, 39.5433, 18.1271 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 29.6393, 39.5433, 18.1271 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 29.6393, 39.5433, 18.1271

Background



This preview shows how black text looks on a background with the XYZ color 29.6393, 39.5433, 18.1271.



This preview shows how white text looks on a background with the XYZ color 29.6393, 39.5433,

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

29.6393, 39.5433, 18.1271

Protanopia

36.0758, 39.1458, 16.4810

Deuteranopia

39.9233, 39.2062, 18.8280



Tritanopia

36.2688, 39.3040, 51.5738

Trichromacy



Original Color

29.6393, 39.5433, 18.1271

Protanomaly

33.4634, 39.1852, 17.1091

Deuteranomaly

35.2732, 38.6878, 18.4404

Tritanomaly

33.3754, 39.2889, 36.3963

Monochromacy



Original Color

29.6393, 39.5433, 18.1271

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.7269, 36.6125, 29.4395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6393, 39.5433, 18.1271 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(140, 181, 100)` looks like.

```
.text, #text, p{  
    color:rgb(140, 181, 100)  
}
```

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(140, 181, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 181, 100) }
```

Border

The CSS property to change the border of an element to XYZ 29.6393, 39.5433, 18.1271 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(140, 181, 100) }
```


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

```
.border{ border-color:rgb(140, 181, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 181, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 181, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 181, 100);  
box-shadow:4px 4px 4px 4px rgb(140, 181,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6393, 39.5433, 18.1271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 181, 100) }
```

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

```
.background{ background-color: rgb(140,  
181, 100) }
```

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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