

Converting Colors

XYZ(27.1792, 39.9305, 13.1127)

Have a look what the booklet for
XYZ(27.1792, 39.9305, 13.1127)
contains.

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Color

**XYZ(27.1756, 39.9247,
13.1114)**

Conversions

Conversions Part 1

Format	Color
Hex	7CBA4C
RGB	124, 186, 76
RGB Percent	49%, 73%, 30%
CMY	0.5137, 0.2706, 0.7019
CMYK	0.33, 0.00, 0.59, 0.27
HSL	94°, 44%, 51%
HSV	94°, 59%, 73%
XYZ	27.1756, 39.9247, 13.1114
YIQ	154.9220, -1.6420, -47.3540

Conversions

Conversions Part 2

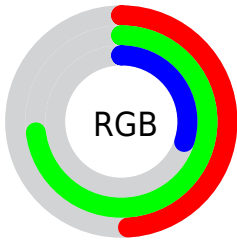
Format	Color
RYB	76, 186, 138
Decimal	8174156
CIELab	69.42, -38.78, 48.51
CIElCh	69, 62.101, 128.640
Yxy	39.9247, 0.3388, 0.4977
Android (android.graphics.Color)	4286364236 (0xFF7CBA4C)
YUV	154.9220, -38.9085, -27.1186
Hunter-Lab	63.1860, -33.8046, 31.9272

Details

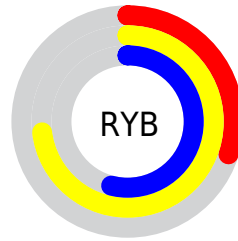
The XYZ color **27.1756, 39.9247, 13.1114** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **21.9304, 14.1185, 48.0259**, and the grayscale version is **31.2894, 32.9189, 35.8487**.

A 20% lighter version of the original color is **54.7693, 75.3630, 32.0819**, and **10.9124, 17.8588, 3.5814** is the 20% darker color. If you saturate the color by 10%, you get **25.1849, 38.9639, 10.1172**, and if you desaturate by 10%, it is **29.5163, 41.0468, 17.0994**.

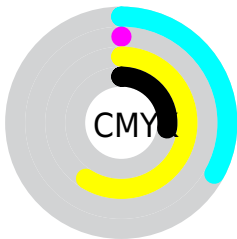
Distribution



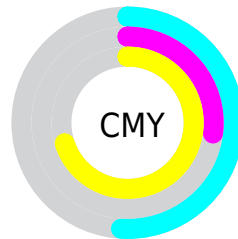
- Red (49%)
- Green (73%)
- Blue (30%)



- Red (30%)
- Yellow (73%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (59%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1756, 39.9247, 13.1114 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 27.1756, 39.9247, 13.1114 by changing the saturation by 10% instead.

■ 27.1756, 39.9247,
13.1114

■ 27.1756, 39.9247,
13.1114

280.6584,
345.8061, 222.8632

■ 17.8424, 27.4798,
7.3737

■ 54.5834, 75.0488,
32.1979

■ 10.9359, 17.9339,
3.6149

■ 73.3888, 98.4969,
46.3837

■ 6.0907, 10.9026,
1.4166

■ 96.0822, 126.3815,
64.2227

■ 2.9415, 6.0013,
0.1546

■ 123.0291,
159.0870, 86.1333

■ 1.1229, 2.8459,
0.0000

■ 154.5948,
196.9978, 112.5341

■ 0.0442, 1.0518,
0.0000

191.1447,

■ 0.0000, 0.0000,

240.4983, 143.8437

0.0000

233.0441,
289.9730, 180.4806

■ 27.1756, 39.9247,
13.1114

■ 27.1756, 39.9247,
13.1114

■ 25.1849, 38.9639,
10.1172

■ 29.5163, 41.0468,
17.0994

■ 23.5198, 38.1501,
8.0264

■ 32.2235, 42.3333,
22.1558

■ 22.1563, 37.4743,
6.7368

■ 35.3160, 43.7936,
28.3513

■ 21.0536, 36.9196,
6.0626

■ 38.8103, 45.4348,
35.7496

■ 20.9668, 36.8759,
6.0127

■ 42.7218, 47.2637,
44.4098

■ 47.0651, 49.2864,
54.3869

■ 51.8539, 51.5089,
65.7330

■ 57.1014, 53.9370,
78.4971

■ 62.8202, 56.5762,
92.7257

Harmonies

Analogous

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



35.1352, 39.9247, 8.6186



27.1756, 39.9247, 13.1114



22.7263, 39.9247, 26.3599

Triad

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



27.1756, 39.9247, 13.1114



31.3741, 39.9247, 117.4328



60.2731, 39.9247, 35.7224

Complementary

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



27.1756, 39.9247, 13.1114



21.9304, 14.1185, 48.0259

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.



58.7865, 39.9247, 66.7354



27.1756, 39.9247, 13.1114



40.9055, 39.9247, 123.6564

Square

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



27.1756, 39.9247, 13.1114



24.8380, 39.9247, 87.6453



51.2445, 39.9247, 102.1269



55.0085, 39.9247, 17.3805

Rectangle

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



27.1756, 39.9247, 13.1114



21.8057, 39.9247, 42.1787



51.2445, 39.9247, 102.1269



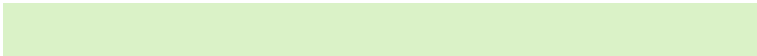
60.5628, 39.9247, 44.7898

Sweetspot

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



27.1766, 39.9264, 13.1123



70.9094, 82.6150, 66.0259



30.4305, 28.7120, 10.7762



15.1859, 17.9919, 13.6117



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.



27.1766, 39.9264, 13.1123



44.6702, 70.1457, 17.0213



22.0446, 37.2578, 13.9135



9.2521, 10.2466, 9.5971



14.1880, 24.8505, 4.0488



0.5714, 0.9128, 0.1461

Inverse Universe

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



21.9304, 14.1185, 48.0259



34.2496, 19.0753, 86.0781



31.1250, 18.9248, 45.4621



8.9924, 8.9624, 11.3354



9.9568, 4.4441, 31.5861



0.4207, 0.1926, 1.1167

Previews

White Background



This preview shows how the XYZ color 27.1756, 39.9247, 13.1114 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 27.1756, 39.9247, 13.1114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

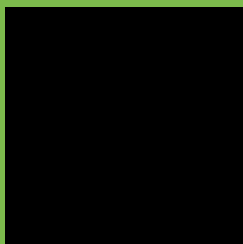
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1756, 39.9247, 13.1114

Background



This preview shows how black text looks on a background with the XYZ color 27.1756, 39.9247, 13.1114.



This preview shows how white text looks on a background with the XYZ color 27.1756, 39.9247,

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

27.1756, 39.9247, 13.1114

Protanopia

36.0643, 39.5222, 11.6890

Deuteranopia

40.3186, 39.5242, 13.6875



Tritanopia

35.1977, 39.5657, 53.3588

Trichromacy



Original Color

27.1756, 39.9247, 13.1114

Protanomaly

32.0496, 39.1403, 12.1690

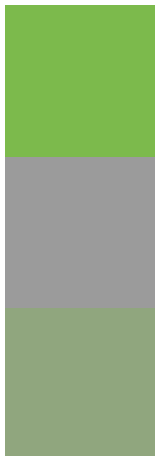
Deuteranomaly

33.9542, 38.6757, 13.2650

Tritanomaly

31.1785, 39.0983, 33.5072

Monochromacy



Original Color

27.1756, 39.9247, 13.1114

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

28.9037, 34.7081, 24.9146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1756, 39.9247, 13.1114 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(124, 186, 76)` looks like.

```
.text, #text, p{  
    color:rgb(124, 186, 76)  
}
```

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(124, 186, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 186, 76) }
```

Border

The CSS property to change the border of an element to XYZ 27.1756, 39.9247, 13.1114 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(124, 186, 76) }
```


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

```
.border{ border-color:rgb(124, 186, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 186, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 186, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 186, 76);  
box-shadow:4px 4px 4px 4px rgb(124, 186,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1756, 39.9247, 13.1114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 186, 76) }
```

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

```
.background{ background-color: rgb(124,  
186, 76) }
```

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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