

Converting Colors

XYZ(11.3727, 11.8729, 13.6098)

Have a look what the booklet for
XYZ(11.3727, 11.8729, 13.6098)
contains.

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Color

**XYZ(11.2589, 11.7534,
13.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	606063
RGB	96, 96, 99
RGB Percent	38%, 38%, 39%
CMY	0.6235, 0.6235, 0.6118
CMYK	0.03, 0.03, 0.00, 0.61
HSL	240°, 2%, 38%
HSV	240°, 3%, 39%
XYZ	11.2589, 11.7534, 13.4796
YIQ	96.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

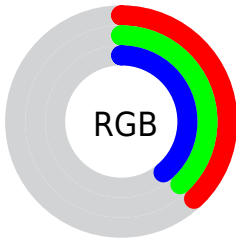
Format	Color
RYB	96, 96, 99
Decimal	6316131
CIELab	40.82, 0.64, -1.71
CIELCh	41, 1.826, 290.479
Yxy	11.7534, 0.3085, 0.3221
Android (android.graphics.Color)	4284506211 (0xFF606063)
YUV	96.3420, 1.3104, -0.2999
Hunter-Lab	34.2832, -1.3748, 0.6864

Details

The XYZ color **11.2589, 11.7534, 13.4796** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7188, 12.4208, 12.8464**, and the grayscale version is **11.1987, 11.7819, 12.8305**.

A 20% lighter version of the original color is **27.6380, 28.8708, 32.9701**, and **3.0986, 3.2164, 3.8257** is the 20% darker color. If you saturate the color by 10%, you get **9.4355, 9.5567, 13.1519**, and if you desaturate by 10%, it is **13.3278, 14.2460, 13.8519**.

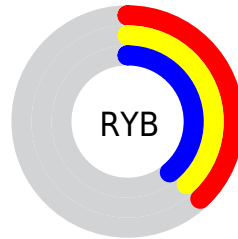
Distribution



Red (38%)

Green (38%)

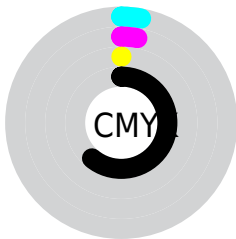
Blue (39%)



Red (38%)

Yellow (38%)

Blue (39%)

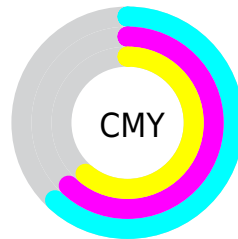


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (61%)



Cyan (62%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2589, 11.7534, 13.4796 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 11.2589, 11.7534, 13.4796 by changing the saturation by 10% instead.

■ 11.2589, 11.7534,
13.4796

■ 11.2589, 11.7534,
13.4796

193.3071,
202.7658, 225.2836

■ 6.3098, 6.5760,
7.6250

■ 27.7667, 29.0452,
32.8665

■ 3.0768, 3.1984,
3.7717

■ 40.0561, 41.9283,
47.2359

■ 1.1945, 1.2362,
1.5009

■ 55.5229, 58.1488,
65.2806

■ 0.1020, 0.0909,
0.2186

■ 74.5327, 78.0911,
87.4193

■ 0.0000, 0.0000,
0.0000

97.4506, 102.1396,
114.0704

124.6421,

130.6786, 145.6524

156.4724,
164.0925, 182.5840

■ 11.2589, 11.7534,
13.4796

■ 11.2589, 11.7534,
13.4796

■ 9.4355, 9.5567,
13.1519

■ 13.3278, 14.2460,
13.8519

■ 7.8477, 7.6436,
12.8663

■ 15.6498, 17.0435,
14.2694

■ 6.4860, 6.0030,
12.6214

■ 18.2335, 20.1561,
14.7341

■ 5.3402, 4.6225,
12.4153

■ 21.0867, 23.5934,
15.2471

■ 4.3992, 3.4886,
12.2461

■ 24.2167, 27.3642,
15.8100

■ 3.6509, 2.5870,
12.1115

■ 27.6309, 31.4772,
16.4240

■ 3.0821, 1.9015,
12.0091

■ 31.3362, 35.9409,
17.0902

■ 2.6777, 1.4141,
11.9364

■ 35.3392, 40.7632,
17.8101

■ 2.4139, 1.0961,
11.8889

■ 39.6464, 45.9520,
18.5846

Harmonies

Analogous

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



11.1300, 11.7534, 13.5162



11.2589, 11.7534, 13.4796



11.3651, 11.7534, 13.2583

Triad

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



11.2589, 11.7534, 13.4796



11.3310, 11.7534, 12.2534



10.9266, 11.7534, 12.6794

Complementary

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



11.2589, 11.7534, 13.4796



11.7188, 12.4208, 12.8464

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.



10.9796, 11.7534, 12.3475



11.2589, 11.7534, 13.4796



11.2126, 11.7534, 12.1046

Square

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



11.2589, 11.7534, 13.4796



11.4070, 11.7534, 12.5487



11.0841, 11.7534, 12.1387



10.9388, 11.7534, 13.0494

Rectangle

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



11.2589, 11.7534, 13.4796



11.4084, 11.7534, 13.0381



11.0841, 11.7534, 12.1387



10.9374, 11.7534, 12.5598

Sweetspot

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



11.2592, 11.7539, 13.4799



19.9906, 20.9776, 23.2454



11.5357, 12.3106, 13.5602



4.7592, 4.9953, 5.5266



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



11.2592, 11.7539, 13.4799



18.9553, 19.7303, 23.0592



11.4131, 11.8330, 13.4870



2.6489, 2.7548, 3.2374



2.9363, 1.1754, 15.4598



15.6848, 6.2758, 82.5893

Inverse Universe

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



11.4401, 11.8632, 12.7538



19.3736, 19.9832, 21.3794



11.5619, 12.3401, 12.8391



2.7120, 2.7930, 2.9839



6.7078, 3.4580, 0.3154



35.8340, 18.4730, 1.6801

Previews

White Background



This preview shows how the XYZ color 11.2589, 11.7534, 13.4796 looks on a white 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

Black Background



This preview shows how the XYZ color 11.2589, 11.7534, 13.4796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

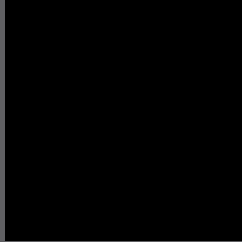
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2589, 11.7534, 13.4796

Background



This preview shows how black text looks on a background with the XYZ color 11.2589, 11.7534, 13.4796.



This preview shows how white text looks on a background with the XYZ color 11.2589, 11.7534,

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

11.2589, 11.7534, 13.4796

Protanopia

11.3648, 11.8080, 13.4846

Deuteranopia

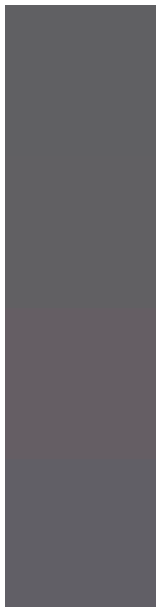
11.9235, 11.6919, 13.6849



Tritanopia

11.4702, 11.7051, 14.4867

Trichromacy



Original Color

11.2589, 11.7534, 13.4796

Protanomaly

11.3648, 11.8080, 13.4846

Deuteranomaly

11.6698, 11.6922, 13.6983

Tritanomaly

11.4202, 11.6851, 14.2239

Monochromacy



Original Color

11.2589, 11.7534, 13.4796

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1644, 11.7156, 12.9822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2589, 11.7534, 13.4796 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(96, 96, 99) looks like.

```
.text, #text, p{  
    color:rgb(96, 96, 99)  
}
```

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(96, 96, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 96, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.2589, 11.7534, 13.4796 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(96, 96, 99) }
```


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

```
.border{ border-color:rgb(96, 96, 99) }
```

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

Here you see how a box with a 4 pixel rgb(96, 96, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 96, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 96, 99);  
box-shadow:4px 4px 4px 4px rgb(96, 96, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2589, 11.7534, 13.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 96, 99) }
```

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

```
.background{ background-color: rgb(96, 96,  
99) }
```

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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