

Converting Colors

XYZ(10.9473, 11.1700, 13.4459)

Have a look what the booklet for
XYZ(10.9473, 11.1700, 13.4459)
contains.

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Color

**XYZ(10.9904, 11.2164,
13.3901)**

Conversions

Conversions Part 1

Format	Color
Hex	605D63
RGB	96, 93, 99
RGB Percent	38%, 36%, 39%
CMY	0.6235, 0.6353, 0.6118
CMYK	0.03, 0.06, 0.00, 0.61
HSL	270°, 3%, 38%
HSV	270°, 6%, 39%
XYZ	10.9904, 11.2164, 13.3901
YIQ	94.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

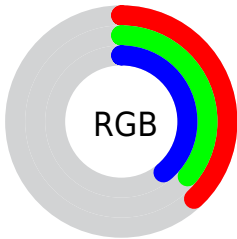
Format	Color
RYB	96, 93, 99
Decimal	6315363
CIELab	39.94, 2.46, -3.00
CIELCh	40, 3.883, 309.300
Yxy	11.2164, 0.3087, 0.3151
Android (android.graphics.Color)	4284505443 (0xFF605D63)
YUV	94.5810, 2.1786, 1.2445
Hunter-Lab	33.4909, -0.0324, -0.2613

Details

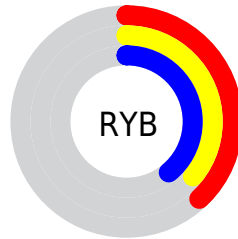
The XYZ color **10.9904, 11.2164, 13.3901** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2619, 12.2011, 12.1180**, and the grayscale version is **10.7725, 11.3335, 12.3422**.

A 20% lighter version of the original color is **27.1815, 27.9579, 32.8180**, and **2.9745, 2.9682, 3.7843** is the 20% darker color. If you saturate the color by 10%, you get **9.6726, 9.3298, 13.0956**, and if you desaturate by 10%, it is **12.4542, 13.3459, 13.7242**.

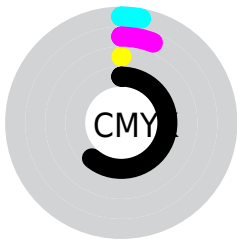
Distribution



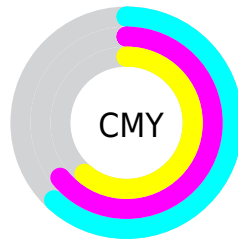
- Red (38%)
- Green (36%)
- Blue (39%)



- Red (38%)
- Yellow (36%)
- Blue (39%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (61%)



- Cyan (62%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9904, 11.2164, 13.3901 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 10.9904, 11.2164, 13.3901 by changing the saturation by 10% instead.

■ 10.9904, 11.2164,
13.3901

■ 10.9904, 11.2164,
13.3901

191.5113,
199.1462, 224.6978

■ 6.1276, 6.2126,
7.5638

■ 27.2755, 28.0596,
32.7043

■ 2.9642, 2.9748,
3.7334

■ 39.4286, 40.6678,
47.0292

■ 1.1349, 1.1186,
1.4803

■ 54.7424, 56.5796,
65.0242

■ 0.0540, 0.0000,
0.2032

■ 73.5825, 76.1794,
87.1077

■ 0.0000, 0.0000,
0.0000

96.3140, 99.8516,
113.6983

123.3024,

127.9805, 145.2144

154.9131,
160.9506, 182.0748

■ 10.9904, 11.2164,
13.3901

■ 10.9904, 11.2164,
13.3901

■ 9.6726, 9.3298,
13.0956

■ 12.4542, 13.3459,
13.7242

■ 8.4949, 7.6757,
12.8384

■ 14.0676, 15.7254,
14.0984

■ 7.4525, 6.2454,
12.6172

■ 15.8355, 18.3632,
14.5144

■ 6.5399, 5.0285,
12.4305

■ 17.7620, 21.2670,
14.9733

■ 5.7510, 4.0143,
12.2763

■ 19.8512, 24.4442,
15.4765

■ 5.0796, 3.1908,
12.1527

■ 22.1070, 27.9018,
16.0250

■ 4.5184, 2.5450,
12.0576

■ 24.5331, 31.6465,
16.6199

■ 4.0595, 2.0618,
11.9885

■ 27.1333, 35.6849,
17.2623

■ 3.6821, 1.7009,
11.9388

■ 29.9111, 40.0233,
17.9533

Harmonies

Analogous

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



10.7443, 11.2164, 13.7270



10.9904, 11.2164, 13.3901



11.1499, 11.2164, 12.7416

Triad

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



10.9904, 11.2164, 13.3901



10.8439, 11.2164, 10.8843



10.1606, 11.2164, 12.4527

Complementary

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



10.9904, 11.2164, 13.3901



11.2619, 12.2011, 12.1180

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.



10.1863, 11.2164, 11.6988



10.9904, 11.2164, 13.3901



10.5778, 11.2164, 10.8142

Square

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



10.9904, 11.2164, 13.3901



11.0644, 11.2164, 11.3021



10.3380, 11.2164, 11.1065



10.2672, 11.2164, 13.1710

Rectangle

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



10.9904, 11.2164, 13.3901



11.1842, 11.2164, 12.2308



10.3380, 11.2164, 11.1065



10.1541, 11.2164, 12.1947

Sweetspot

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



10.9907, 11.2169, 13.3903



19.8281, 20.6527, 23.1913



10.9588, 11.6125, 13.4684



4.7240, 4.9249, 5.5149



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.



10.9907, 11.2169, 13.3903



18.5834, 18.8517, 22.9092



11.3015, 11.3771, 13.4049



2.6150, 2.6544, 3.2198



4.5717, 2.0176, 15.5362



23.4054, 10.2542, 82.9503

Inverse Universe

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



11.1717, 11.3264, 12.6643



18.9510, 19.0742, 21.4344



10.9624, 12.0467, 12.1040



2.6658, 2.6851, 3.0158



7.4241, 3.7445, 4.0871



39.2159, 19.8258, 19.4888

Previews

White Background



This preview shows how the XYZ color 10.9904, 11.2164, 13.3901 looks on a white background.

Color Contrast Check

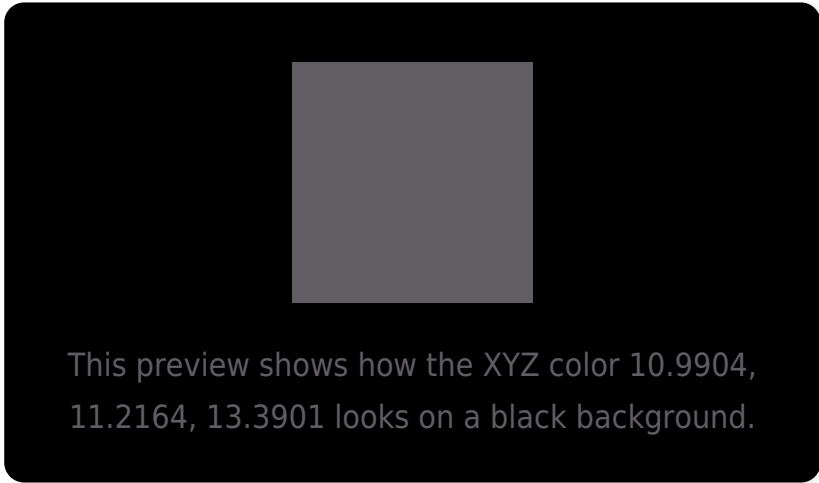
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

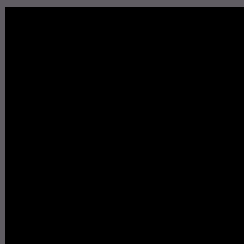
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

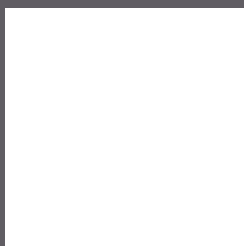
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9904, 11.2164, 13.3901

Background



This preview shows how black text looks on a background with the XYZ color 10.9904, 11.2164, 13.3901.



This preview shows how white text looks on a background with the XYZ color 10.9904, 11.2164,

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

10.9904, 11.2164, 13.3901

Protanopia

10.8709, 11.2859, 13.4098

Deuteranopia

11.3600, 11.1497, 13.3578



Tritanopia

11.0385, 11.2356, 13.6435

Trichromacy

**Original Color**

10.9904, 11.2164, 13.3901

Protanomaly

10.9741, 11.3392, 13.4147

Deuteranomaly

11.2249, 11.2078, 13.3761

Tritanomaly

11.0385, 11.2356, 13.6435

Monochromacy

**Original Color**

10.9904, 11.2164, 13.3901

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.8333, 11.2828, 12.6732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9904, 11.2164, 13.3901 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, 93, 99) looks like.

```
.text, #text, p{  
    color:rgb(96, 93, 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, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 93, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.9904, 11.2164, 13.3901 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, 93, 99) }
```


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

```
.border{ border-color:rgb(96, 93, 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, 93, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(96, 93, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9904, 11.2164, 13.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 93, 99) }
```

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

```
.background{ background-color: rgb(96, 93,  
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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