

Converting Colors

XYZ(9.4777, 10.9659, 6.8927)

Have a look what the booklet for
XYZ(9.4777, 10.9659, 6.8927)
contains.

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Color

**XYZ(9.5104, 10.9951,
6.9312)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6043
RGB	91, 96, 67
RGB Percent	36%, 38%, 26%
CMY	0.6431, 0.6235, 0.7373
CMYK	0.05, 0.00, 0.30, 0.62
HSL	70°, 18%, 32%
HSV	70°, 30%, 38%
XYZ	9.5104, 10.9951, 6.9312
YIQ	91.1990, 6.3290, -10.0790

Conversions

Conversions Part 2

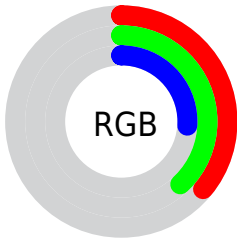
Format	Color
RYB	67, 96, 72
Decimal	5988419
CIELab	39.57, -7.41, 15.96
CIElCh	40, 17.594, 114.907
Yxy	10.9951, 0.3466, 0.4007
Android (android.graphics.Color)	4284178499 (0xFF5B6043)
YUV	91.1990, -11.9301, -0.1745
Hunter-Lab	33.1589, -6.8318, 10.8178

Details

The XYZ color **9.5104, 10.9951, 6.9312** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.7913, 6.2368, 11.9127**, and the grayscale version is **10.0148, 10.5363, 11.4740**.

A 20% lighter version of the original color is **24.3579, 27.4583, 20.2358**, and **2.3877, 2.9050, 1.2990** is the 20% darker color. If you saturate the color by 10%, you get **9.0847, 10.8065, 5.5306**, and if you desaturate by 10%, it is **9.9881, 11.2056, 8.5840**.

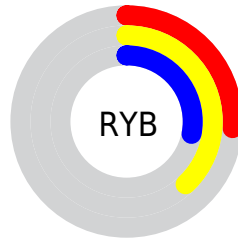
Distribution



Red (36%)

Green (38%)

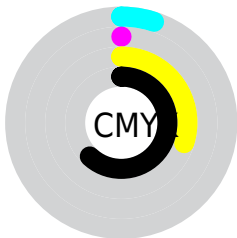
Blue (26%)



Red (26%)

Yellow (38%)

Blue (28%)

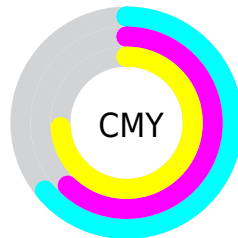


Cyan (5%)

Magenta (0%)

Yellow (30%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5104, 10.9951, 6.9312 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 9.5104, 10.9951, 6.9312 by changing the saturation by 10% instead.

■ 9.5104, 10.9951,
6.9312

■ 9.5104, 10.9951,
6.9312

181.2688,
197.6339, 176.7000

■ 5.1353, 6.0635,
3.3413

■ 24.5286, 27.6511,
20.3452

■ 2.3625, 2.8838,
1.2714

■ 35.9024, 40.1443,
31.0063

■ 0.8263, 1.0713,
0.0382

■ 50.3398, 55.9269,
44.8617

■ 0.0000, 0.0000,
0.0000

■ 68.2062, 75.3833,
62.3298

■ 89.8670, 98.8977,
83.8291

■ 115.6874,

126.8547, 109.7782

146.0329,
159.6387, 140.5957

■ 9.5104, 10.9951,
6.9312

■ 9.5104, 10.9951,
6.9312

■ 9.0847, 10.8065,
5.5306

■ 9.9881, 11.2056,
8.5840

■ 8.7076, 10.6375,
4.3691

■ 10.5191, 11.4375,
10.4999

■ 8.3770, 10.4874,
3.4335

■ 11.1057, 11.6921,
12.6900

■ 8.0900, 10.3552,
2.7090

■ 11.7500, 11.9701,
15.1643

■ 7.8435, 10.2396,
2.1791

■ 12.4538, 12.2724,
17.9327

■ 7.6337, 10.1390,
1.8246

■ 13.2189, 12.5996,
21.0043

■ 7.4448, 10.0476,
1.5470

■ 14.0469, 12.9524,
24.3881

■ 14.9395, 13.3315,
28.0924

■ 15.8983, 13.7375,
32.1254

Harmonies

Analogous

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



10.6563, 10.9951, 6.5311



9.5104, 10.9951, 6.9312



8.6773, 10.9951, 8.5666

Triad

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



9.5104, 10.9951, 6.9312



9.1818, 10.9951, 18.2192



12.9160, 10.9951, 12.5668

Complementary

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



9.5104, 10.9951, 6.9312



6.7913, 6.2368, 11.9127

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.



12.4502, 10.9951, 16.1775



9.5104, 10.9951, 6.9312



10.2474, 10.9951, 19.8153

Square

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



9.5104, 10.9951, 6.9312



8.4980, 10.9951, 14.9696



11.4506, 10.9951, 19.0047



12.6813, 10.9951, 9.4036

Rectangle

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



9.5104, 10.9951, 6.9312



8.3811, 10.9951, 10.3354



11.4506, 10.9951, 19.0047



12.8352, 10.9951, 13.7724

Sweetspot

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



9.5107, 10.9956, 6.9314



18.5177, 20.0745, 18.7303



8.1439, 7.5055, 6.3298



4.5720, 4.9732, 4.5556



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.



9.5107, 10.9956, 6.9314



16.1361, 19.0286, 10.4056



8.2301, 10.3354, 6.8715



2.7235, 2.9488, 2.7698



10.3154, 13.9519, 2.1493



54.4562, 74.1988, 11.4517

Inverse Universe

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



6.7913, 6.2368, 11.9127



10.5633, 9.2734, 20.6185



7.9873, 6.8534, 11.9687



2.4866, 2.5345, 3.2034



3.2112, 1.3163, 15.4725



16.6116, 6.7518, 82.6323

Previews

White Background



This preview shows how the XYZ color 9.5104, 10.9951, 6.9312 looks on a white background.

Color Contrast Check

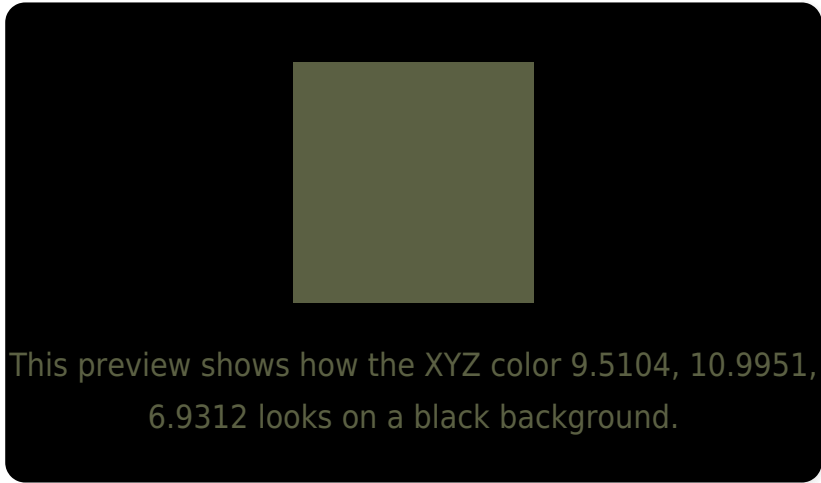
Large Text (above 18pt) WCAG AA ✓ Pass

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

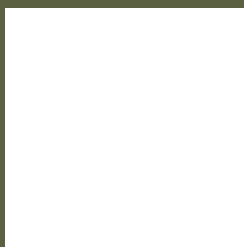
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.5104, 10.9951, 6.9312

Background



This preview shows how black text looks on a background with the XYZ color 9.5104, 10.9951, 6.9312.



This preview shows how white text looks on a background with the XYZ color 9.5104, 10.9951,

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

9.5104, 10.9951, 6.9312

Protanopia

10.1532, 10.9314, 6.7291

Deuteranopia

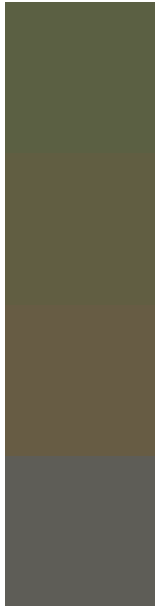
11.0462, 10.8771, 6.9861



Tritanopia

10.7986, 10.9880, 13.3561

Trichromacy



Original Color

9.5104, 10.9951, 6.9312

Protanomaly

9.9158, 10.9401, 6.7433

Deuteranomaly

10.4641, 10.9552, 7.0319

Tritanomaly

10.2507, 10.8965, 10.5798

Monochromacy



Original Color

9.5104, 10.9951, 6.9312

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.7517, 10.6620, 9.5267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5104, 10.9951, 6.9312 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(91, 96, 67) looks like.

```
.text, #text, p{  
    color:rgb(91, 96, 67)  
}
```

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(91, 96, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 96, 67) }
```

Border

The CSS property to change the border of an element to XYZ 9.5104, 10.9951, 6.9312 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(91, 96, 67) }
```


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

```
.border{ border-color:rgb(91, 96, 67) }
```

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

Here you see how a box with a 4 pixel rgb(91, 96, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 96, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 96, 67);  
box-shadow:4px 4px 4px 4px rgb(91, 96, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.5104, 10.9951, 6.9312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 96, 67) }
```

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

```
.background{ background-color: rgb(91, 96,  
67) }
```

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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