

Converting Colors

XYZ(9.7066, 10.9486, 13.1574)

Have a look what the booklet for
XYZ(9.7066, 10.9486, 13.1574)
contains.

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Color

**XYZ(9.6957, 10.9531,
13.1584)**

Conversions

Conversions Part 1

Format	Color
Hex	506062
RGB	80, 96, 98
RGB Percent	31%, 38%, 38%
CMY	0.6863, 0.6235, 0.6157
CMYK	0.18, 0.02, 0.00, 0.62
HSL	187°, 10%, 35%
HSV	187°, 18%, 38%
XYZ	9.6957, 10.9531, 13.1584
YIQ	91.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

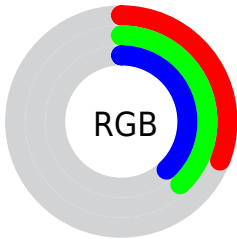
Format	Color
RYB	80, 88, 98
Decimal	5267554
CIELab	39.50, -5.61, -3.19
CIELCh	40, 6.450, 209.629
Yxy	10.9531, 0.2868, 0.3240
Android (android.graphics.Color)	4283457634 (0xFF506062)
YUV	91.4440, 3.2321, -10.0364
Hunter-Lab	33.0955, -5.6234, -0.4062

Details

The XYZ color **9.6957, 10.9531, 13.1584** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.5022, 9.2102, 8.8664**, and the grayscale version is **10.0399, 10.5627, 11.5028**.

A 20% lighter version of the original color is **24.7570, 27.3948, 32.4167**, and **2.4536, 2.8865, 3.6766** is the 20% darker color. If you saturate the color by 10%, you get **8.8294, 10.3605, 13.0898**, and if you desaturate by 10%, it is **10.6847, 11.6116, 13.2336**.

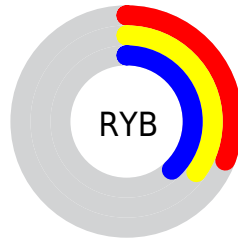
Distribution



Red (31%)

Green (38%)

Blue (38%)



Red (31%)

Yellow (35%)

Blue (38%)

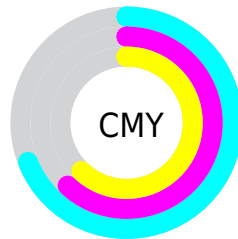


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.6957, 10.9531, 13.1584 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 9.6957, 10.9531, 13.1584 by changing the saturation by 10% instead.

■ 9.6957, 10.9531,
13.1584

■ 9.6957, 10.9531,
13.1584

182.5856,
197.3455, 223.1737

■ 5.2584, 6.0353,
7.4057

■ 24.8765, 27.5734,
32.2834

■ 2.4360, 2.8666,
3.6348

■ 36.3506, 40.0447,
46.4928

■ 0.8631, 1.0625,
1.4272

■ 50.9011, 55.8026,
64.3582

■ 0.0000, 0.0000,
0.1628

■ 68.8932, 75.2316,
86.2981

■ 0.0000, 0.0000,
0.0000

■ 90.6924, 98.7160,
112.7311

116.6639,

126.6401, 144.0756

147.1732,
159.3885, 180.7503

■ 9.6957, 10.9531,
13.1584

■ 9.6957, 10.9531,
13.1584

■ 8.8294, 10.3605,
13.0898

■ 10.6847, 11.6116,
13.2336

■ 8.0797, 9.8297,
13.0269

■ 11.8004, 12.3372,
13.3148

■ 7.4413, 9.3583,
12.9696

■ 13.0478, 13.1327,
13.4026

■ 6.9081, 8.9432,
12.9175

■ 14.4311, 14.0003,
13.4972

■ 6.4736, 8.5809,
12.8705

■ 15.9546, 14.9424,
13.5987

6.1303, 8.2677,
12.8282

17.6224, 15.9608,
13.7074

5.8697, 7.9991,
12.7900

19.4382, 17.0576,
13.8234

5.6572, 7.7573,
12.7546

21.4057, 18.2348,
13.9469

5.6228, 7.7181,
12.7488

23.5285, 19.4941,
14.0781

Harmonies

Analogous

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



9.5911, 10.9531, 11.9105



9.6957, 10.9531, 13.1584



9.9907, 10.9531, 14.1299

Triad

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



9.6957, 10.9531, 13.1584



11.1541, 10.9531, 13.1873



10.4160, 10.9531, 9.6735

Complementary

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



9.6957, 10.9531, 13.1584



9.5022, 9.2102, 8.8664

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.



10.8421, 10.9531, 9.9642



9.6957, 10.9531, 13.1584



11.2755, 10.9531, 11.9417

Square

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



9.6957, 10.9531, 13.1584



10.8324, 10.9531, 14.1474



11.1598, 10.9531, 10.7732



9.9998, 10.9531, 9.9503

Rectangle

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



9.6957, 10.9531, 13.1584



10.2597, 10.9531, 14.4589



11.1598, 10.9531, 10.7732



10.5629, 10.9531, 9.7078

Sweetspot

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



9.6960, 10.9536, 13.1586



19.1327, 20.6164, 23.2209



9.1914, 11.0471, 9.5907



4.5307, 4.8892, 5.5182



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.



9.6960, 10.9536, 13.1586



16.3145, 18.7358, 23.0065



8.9373, 9.4362, 12.9058



2.6180, 2.8506, 3.2575



7.4686, 10.2400, 16.9706



39.5015, 53.9091, 90.5282

Inverse Universe

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



10.0172, 9.1786, 12.3107



16.9942, 15.0247, 21.2016



10.2091, 10.6240, 9.1020



2.6580, 2.6241, 3.1532



8.9955, 4.3731, 12.3622



47.8556, 23.2817, 64.9847

Previews

White Background



This preview shows how the XYZ color 9.6957, 10.9531, 13.1584 looks on a white background.

Color Contrast Check

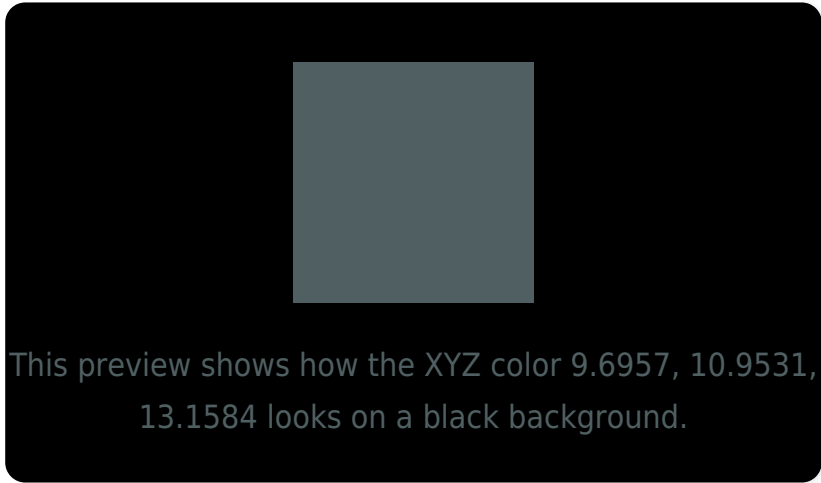
Large Text (above 18pt) WCAG AA ✓ Pass

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

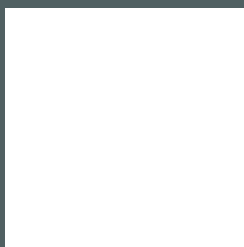
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.6957, 10.9531, 13.1584

Background



This preview shows how black text looks on a background with the XYZ color 9.6957, 10.9531, 13.1584.

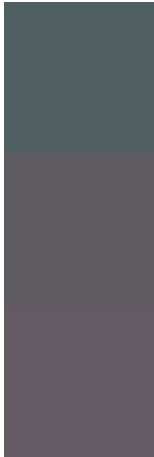


This preview shows how white text looks on a background with the XYZ color 9.6957, 10.9531,

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

9.6957, 10.9531, 13.1584

Protanopia

10.5546, 10.8785, 12.6098

Deuteranopia

11.0539, 10.8658, 13.3191



Tritanopia

9.9337, 10.9130, 14.4148

Trichromacy



Original Color

9.6957, 10.9531, 13.1584

Protanomaly

10.1918, 10.8156, 12.8597

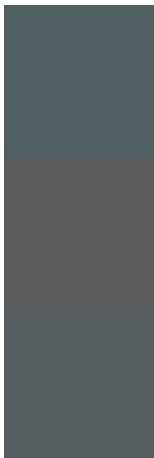
Deuteranomaly

10.4929, 10.8305, 13.3418

Tritanomaly

9.8345, 10.8733, 13.8923

Monochromacy



Original Color

9.6957, 10.9531, 13.1584

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.8652, 10.6631, 12.1279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.6957, 10.9531, 13.1584 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(80, 96, 98) looks like.

```
.text, #text, p{  
    color:rgb(80, 96, 98)  
}
```

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(80, 96, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 96, 98) }
```

Border

The CSS property to change the border of an element to XYZ 9.6957, 10.9531, 13.1584 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(80, 96, 98) }
```


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

```
.border{ border-color:rgb(80, 96, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 96, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 96, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 96, 98);  
box-shadow:4px 4px 4px 4px rgb(80, 96, 98)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.6957, 10.9531, 13.1584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 96, 98) }
```

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

```
.background{ background-color: rgb(80, 96,  
98) }
```

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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