

Converting Colors

XYZ(11.1814, 10.7582, 14.0576)

Have a look what the booklet for
XYZ(11.1814, 10.7582, 14.0576)
contains.

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Color

**XYZ(11.2262, 10.8134,
14.0659)**

Conversions

Conversions Part 1

Format	Color
Hex	645966
RGB	100, 89, 102
RGB Percent	39%, 35%, 40%
CMY	0.6078, 0.6510, 0.6000
CMYK	0.02, 0.13, 0.00, 0.60
HSL	291°, 7%, 37%
HSV	291°, 13%, 40%
XYZ	11.2262, 10.8134, 14.0659
YIQ	93.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

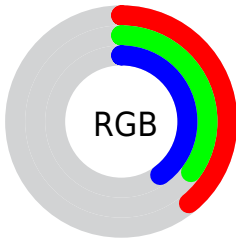
Format	Color
R _Y B	100, 89, 102
Decimal	6576486
CIE Lab	39.26, 7.11, -5.82
CIE LCh	39, 9.190, 320.707
Yxy	10.8134, 0.3109, 0.2995
Android (android.graphics.Color)	4284766566 (0xFF645966)
YUV	93.7710, 4.0569, 5.4628
Hunter-Lab	32.8837, 3.3917, -2.3425

Details

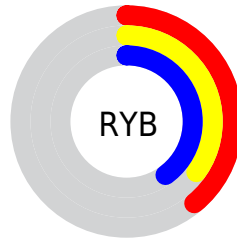
The XYZ color **11.2262, 10.8134, 14.0659** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8693, 12.4484, 11.2817**, and the grayscale version is **10.5759, 11.1267, 12.1169**.

A 20% lighter version of the original color is **27.7449, 27.3445, 33.9527**, and **3.0585, 2.8341, 4.0003** is the 20% darker color. If you saturate the color by 10%, you get **10.2638, 9.1436, 13.7945**, and if you desaturate by 10%, it is **12.3103, 12.7212, 14.3772**.

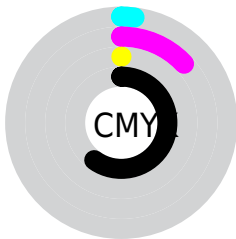
Distribution



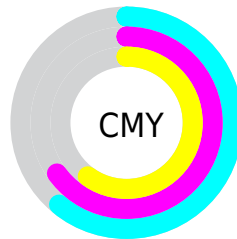
- Red (39%)
- Green (35%)
- Blue (40%)



- Red (39%)
- Yellow (35%)
- Blue (40%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2262, 10.8134, 14.0659 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 11.2262, 10.8134, 14.0659 by changing the saturation by 10% instead.

■ 11.2262, 10.8134,
14.0659

■ 11.2262, 10.8134,
14.0659

■ 193.0893,
196.3829, 229.0831

■ 6.2876, 5.9415,
8.0272

■ 27.7070, 27.3146,
33.9247

■ 3.0631, 2.8095,
4.0244

■ 39.9798, 39.7127,
48.5820

■ 1.1872, 1.0331,
1.6387

■ 55.4282, 55.3883,
66.9491

■ 0.0962, 0.0000,
0.3182

■ 74.4173, 74.7258,
89.4448

■ 0.0000, 0.0000,
0.0000

■ 97.3127, 98.1096,
116.4875

124.4795,

125.9241, 148.4957

156.2833,
158.5537, 185.8881

■ 11.2262, 10.8134,
14.0659

■ 11.2262, 10.8134,
14.0659

■ 10.2638, 9.1436,
13.7945

■ 12.3103, 12.7212,
14.3772

■ 9.4172, 7.7006,
13.5606

■ 13.5195, 14.8745,
14.7291

■ 8.6815, 6.4748,
13.3627

■ 14.8586, 17.2825,
15.1233

■ 8.0514, 5.4549,
13.1991

■ 16.3317, 19.9534,
15.5612

■ 7.5206, 4.6290,
13.0677

■ 17.9426, 22.8949,
16.0440

7.0825, 3.9836,
12.9662

19.6951, 26.1145,
16.5731

6.7296, 3.5038,
12.8922

21.5929, 29.6195,
17.1496

6.4510, 3.1678,
12.8420

23.6393, 33.4167,
17.7747

6.2645, 2.9524,
12.8102

25.8378, 37.5128,
18.4495

Harmonies

Analogous

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



10.7042, 10.8134, 15.2568



11.2262, 10.8134, 14.0659



11.4970, 10.8134, 12.3327

Triad

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



11.2262, 10.8134, 14.0659



10.4711, 10.8134, 8.7217



9.2048, 10.8134, 13.0201

Complementary

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



11.2262, 10.8134, 14.0659



10.8693, 12.4484, 11.2817

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.



9.1480, 10.8134, 11.2323



11.2262, 10.8134, 14.0659



9.8629, 10.8134, 8.8661

Square

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



11.2262, 10.8134, 14.0659



11.0497, 10.8134, 9.3293



9.3844, 10.8134, 9.7456



9.5427, 10.8134, 14.6123

Rectangle

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



11.2262, 10.8134, 14.0659



11.4915, 10.8134, 11.1523



9.3844, 10.8134, 9.7456



9.1527, 10.8134, 12.4183

Sweetspot

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



11.2265, 10.8139, 14.0661



21.3157, 21.8259, 25.1350



10.2739, 10.5944, 14.0740



5.0016, 5.1012, 5.9218



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.2265, 10.8139, 14.0661



19.2144, 18.1376, 24.5339



11.2411, 10.8456, 12.9742



2.8967, 2.8688, 3.5330



8.0201, 3.7787, 16.4510



41.2358, 19.4021, 85.7730

Inverse Universe

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



10.9406, 10.7254, 11.3916



18.6217, 17.9553, 18.9372



10.8622, 12.4231, 12.2593



2.8451, 2.8527, 3.0568



7.1438, 3.6705, 0.8895



37.0420, 19.0568, 3.4986

Previews

White Background



This preview shows how the XYZ color 11.2262, 10.8134, 14.0659 looks on a white background.

Color Contrast Check

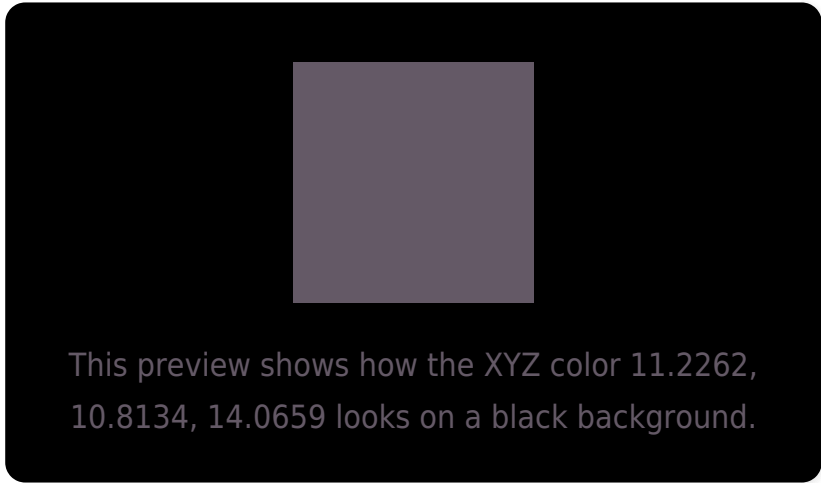
Large Text (above 18pt) WCAG AA ✓ Pass

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

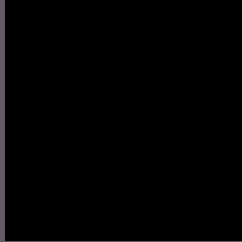
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2262, 10.8134, 14.0659

Background



This preview shows how black text looks on a background with the XYZ color 11.2262, 10.8134, 14.0659.

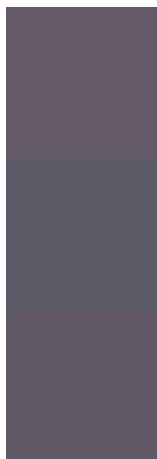


This preview shows how white text looks on a background with the XYZ color 11.2262, 10.8134,

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

11.2262, 10.8134, 14.0659

Protanopia

10.6402, 10.8779, 14.6356

Deuteranopia

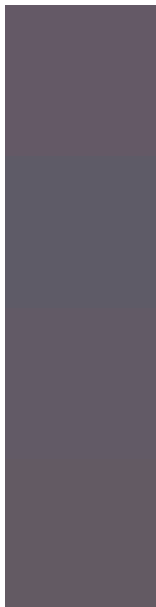
10.9842, 10.8130, 14.0786



Tritanopia

10.9594, 10.8280, 12.8217

Trichromacy



Original Color

11.2262, 10.8134, 14.0659

Protanomaly

10.8054, 10.8411, 14.3550

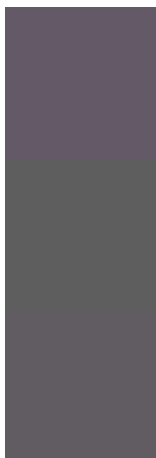
Deuteranomaly

11.0914, 10.8683, 14.0836

Tritanomaly

11.0539, 10.8658, 13.3191

Monochromacy



Original Color

11.2262, 10.8134, 14.0659

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8087, 11.0042, 12.8636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2262, 10.8134, 14.0659 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(100, 89, 102)` looks like.

```
.text, #text, p{  
    color:rgb(100, 89, 102)  
}
```

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(100, 89, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 89, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.2262, 10.8134, 14.0659 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(100, 89, 102) }
```


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

```
.border{ border-color:rgb(100, 89, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 89, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 89, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 89, 102);  
box-shadow:4px 4px 4px 4px rgb(100, 89,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2262, 10.8134, 14.0659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 89, 102) }
```

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

```
.background{ background-color: rgb(100, 89,  
102) }
```

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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