

Converting Colors

XYZ(11.1284, 8.9096, 17.6562)

Have a look what the booklet for
XYZ(11.1284, 8.9096, 17.6562)
contains.

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Color

**XYZ(11.1284, 8.9096,
17.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	674974
RGB	103, 73, 116
RGB Percent	40%, 29%, 45%
CMY	0.5961, 0.7137, 0.5451
CMYK	0.11, 0.37, 0.00, 0.55
HSL	282°, 23%, 37%
HSV	282°, 37%, 45%
XYZ	11.1284, 8.9096, 17.6562
YIQ	86.8720, 4.0770, 19.7330

Conversions

Conversions Part 2

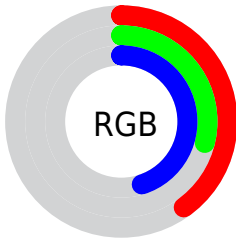
Format	Color
R_{YB}	103, 73, 116
Decimal	6769012
CIE _{Lab}	35.81, 21.29, -19.74
CIE _{LCh}	36, 29.030, 317.169
Yxy	8.9096, 0.2952, 0.2364
Android (android.graphics.Color)	4284959092 (0xFF674974)
YUV	86.8720, 14.3601, 14.1443
Hunter-Lab	29.8490, 14.3134, -14.1768

Details

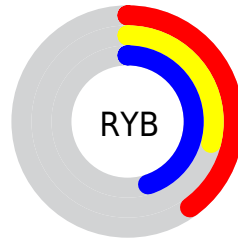
The XYZ color **11.1284, 8.9096, 17.6562** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.2861, 14.9505, 8.5947**, and the grayscale version is **9.0013, 9.4701, 10.3129**.

A 20% lighter version of the original color is **27.5450, 23.7148, 40.1714**, and **3.0342, 2.0601, 5.7066** is the 20% darker color. If you saturate the color by 10%, you get **10.0424, 7.3221, 17.4072**, and if you desaturate by 10%, it is **12.3741, 10.7909, 17.9538**.

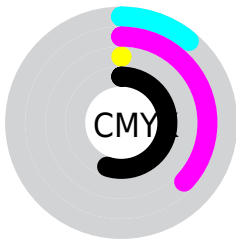
Distribution



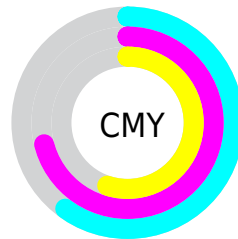
- Red (40%)
- Green (29%)
- Blue (45%)



- Red (40%)
- Yellow (29%)
- Blue (45%)



- Cyan (11%)
- Magenta (37%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1284, 8.9096, 17.6562 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 11.1284, 8.9096, 17.6562 by changing the saturation by 10% instead.

■ 11.1284, 8.9096,
17.6562

■ 11.1284, 8.9096,
17.6562

192.4365,
182.7021, 251.0967

■ 6.2212, 4.6823,
10.5366

■ 27.5282, 23.7233,
40.2566

■ 3.0220, 2.0621,
5.6459

■ 39.7515, 35.0784,
56.5745

■ 1.1654, 0.6432,
2.5657

■ 55.1442, 49.5782,
76.7955

■ 0.0788, 0.0000,
0.8747

■ 74.0717, 67.6072,
101.3382

■ 0.0000, 0.0000,
0.0000

■ 96.8993, 89.5497,
130.6211

123.9924,

115.7900, 165.0628

155.7164,
146.7127, 205.0818

■ 11.1284, 8.9096,
17.6562

■ 11.1284, 8.9096,
17.6562

■ 10.0424, 7.3221,
17.4072

■ 12.3741, 10.7909,
17.9538

■ 9.1070, 6.0114,
17.2035

■ 13.7860, 12.9797,
18.3019

■ 8.3137, 4.9602,
17.0424

■ 15.3716, 15.4899,
18.7028

■ 7.6524, 4.1492,
16.9207

■ 17.1373, 18.3346,
19.1588

■ 7.1119, 3.5558,
16.8346

■ 19.0894, 21.5258,
19.6719

6.6653, 3.1268,
16.7754

21.2338, 25.0752,
20.2440

6.5397, 3.0072,
16.7589

23.5761, 28.9936,
20.8769

26.1218, 33.2917,
21.5723

28.8761, 37.9795,
22.3320

Harmonies

Analogous

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



9.4810, 8.9096, 21.8338



11.1284, 8.9096, 17.6562



12.1137, 8.9096, 11.9567

Triad

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



11.1284, 8.9096, 17.6562



9.2231, 8.9096, 3.0927



5.6887, 8.9096, 12.7693

Complementary

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



11.1284, 8.9096, 17.6562



11.2861, 14.9505, 8.5947

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.



5.6392, 8.9096, 7.7485



11.1284, 8.9096, 17.6562



7.5304, 8.9096, 3.1800

Square

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



11.1284, 8.9096, 17.6562



10.9177, 8.9096, 4.2867



6.2700, 8.9096, 4.5871



6.4157, 8.9096, 18.4215

Rectangle

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



11.1284, 8.9096, 17.6562



12.1857, 8.9096, 8.5680



6.2700, 8.9096, 4.5871



5.5961, 8.9096, 10.9298

Sweetspot

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



11.1287, 8.9100, 17.6564



25.8086, 25.2996, 32.5676



9.2776, 9.4323, 17.8548



6.0879, 5.9262, 7.7520



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.1287, 8.9100, 17.6564



18.0042, 13.3767, 30.6776



12.2983, 9.5637, 15.4180



3.7240, 3.7050, 4.6091



7.3199, 3.3649, 18.8062



34.7723, 15.9343, 91.6032

Inverse Universe

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



11.2650, 9.1504, 9.9771



18.3628, 13.9115, 14.8851



10.4742, 14.4998, 10.0088



3.7253, 3.7174, 4.0803



8.4168, 4.3004, 2.1372



40.6776, 20.8212, 8.6315

Previews

White Background



This preview shows how the XYZ color 11.1284, 8.9096, 17.6562 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.1284, 8.9096, 17.6562

Background



This preview shows how black text looks on a background with the XYZ color 11.1284, 8.9096, 17.6562.



This preview shows how white text looks on a background with the XYZ color 11.1284, 8.9096,

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

11.1284, 8.9096, 17.6562

Protanopia

9.3299, 8.9813, 20.3106

Deuteranopia

9.1110, 8.9379, 17.1646



Tritanopia

9.4727, 8.8445, 9.8022

Trichromacy



Original Color

11.1284, 8.9096, 17.6562

Protanomaly

9.8145, 8.8114, 19.2727

Deuteranomaly

9.7282, 8.8082, 17.4071

Tritanomaly

10.0207, 8.8616, 12.2486

Monochromacy



Original Color

11.1284, 8.9096, 17.6562

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.7361, 9.2436, 12.8263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1284, 8.9096, 17.6562 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(103, 73, 116)` looks like.

```
.text, #text, p{  
    color:rgb(103, 73, 116)  
}
```

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(103, 73, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 73, 116) }
```

Border

The CSS property to change the border of an element to XYZ 11.1284, 8.9096, 17.6562 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(103, 73, 116) }
```


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

```
.border{ border-color:rgb(103, 73, 116) }
```

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

Here you see how a box with a 4 pixel rgb(103, 73, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 73, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 73, 116);  
box-shadow:4px 4px 4px 4px rgb(103, 73,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1284, 8.9096, 17.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 73, 116) }
```

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

```
.background{ background-color: rgb(103, 73,  
116) }
```

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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