

Converting Colors

XYZ(11.2973, 10.6175, 14.3999)

Have a look what the booklet for
XYZ(11.2973, 10.6175, 14.3999)
contains.

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Color

**XYZ(11.2232, 10.5624,
14.2792)**

Conversions

Conversions Part 1

Format	Color
Hex	655767
RGB	101, 87, 103
RGB Percent	40%, 34%, 40%
CMY	0.6039, 0.6588, 0.5961
CMYK	0.02, 0.16, 0.00, 0.60
HSL	292°, 8%, 37%
HSV	292°, 16%, 40%
XYZ	11.2232, 10.5624, 14.2792
YIQ	93.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

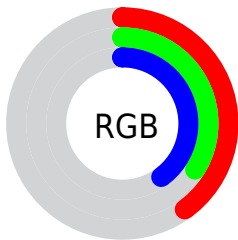
Format	Color
R_{YB}	101, 87, 103
Decimal	6641511
CIE Lab	38.83, 8.95, -7.07
CIE LCh	39, 11.405, 321.682
Yxy	10.5624, 0.3112, 0.2929
Android (android.graphics.Color)	4284831591 (0xFF655767)
YUV	93.0100, 4.9251, 7.0072
Hunter-Lab	32.4998, 4.7668, -3.2999

Details

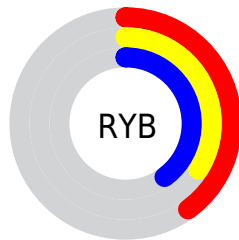
The XYZ color **11.2232, 10.5624, 14.2792** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6908, 12.5128, 10.8692**, and the grayscale version is **10.3954, 10.9368, 11.9102**.

A 20% lighter version of the original color is **27.7273, 26.8998, 34.3026**, and **3.0631, 2.7257, 4.1061** is the 20% darker color. If you saturate the color by 10%, you get **10.3051, 8.9385, 14.0143**, and if you desaturate by 10%, it is **12.2632, 12.4264, 14.5843**.

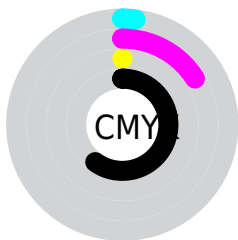
Distribution



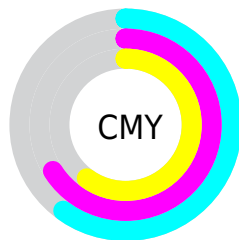
- Red (40%)
- Green (34%)
- Blue (40%)



- Red (40%)
- Yellow (34%)
- Blue (40%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2232, 10.5624, 14.2792 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 11.2232, 10.5624, 14.2792 by changing the saturation by 10% instead.

■ 11.2232, 10.5624,
14.2792

■ 11.2232, 10.5624,
14.2792

193.0693,
194.6402, 230.4494

■ 6.2856, 5.7734,
8.1741

■ 27.7015, 26.8481,
34.3078

■ 3.0618, 2.7078,
4.1172

■ 39.9728, 39.1136,
49.0685

■ 1.1865, 0.9812,
1.6899

■ 55.4195, 54.6400,
67.5515

■ 0.0957, 0.0000,
0.3538

■ 74.4067, 73.8118,
90.1752

■ 0.0000, 0.0000,
0.0000

■ 97.3000, 97.0133,
117.3584

124.4646,

124.6289, 149.5194

156.2659,
157.0431, 187.0769

■ 11.2232, 10.5624,
14.2792

■ 11.2232, 10.5624,
14.2792

■ 10.3051, 8.9385,
14.0143

■ 12.2632, 12.4264,
14.5843

■ 9.5030, 7.5433,
13.7873

■ 13.4288, 14.5386,
14.9306

■ 8.8117, 6.3665,
13.5966

■ 14.7250, 16.9083,
15.3197

■ 8.2255, 5.3965,
13.4402

■ 16.1558, 19.5441,
15.7530

■ 7.7380, 4.6206,
13.3162

■ 17.7254, 22.4541,
16.2320

7.3421, 4.0247,
13.2220

19.4377, 25.6459,
16.7578

7.0299, 3.5928,
13.1551

21.2964, 29.1271,
17.3318

6.7828, 3.2880,
13.1093

23.3051, 32.9047,
17.9551

6.6766, 3.1591,
13.0900

25.4672, 36.9858,
18.6288

Harmonies

Analogous

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



10.5858, 10.5624, 15.8182



11.2232, 10.5624, 14.2792



11.5470, 10.5624, 12.1134

Triad

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



11.2232, 10.5624, 14.2792



10.2510, 10.5624, 7.8543



8.7484, 10.5624, 13.1079

Complementary

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



11.2232, 10.5624, 14.2792



10.6908, 12.5128, 10.8692

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.



8.6688, 10.5624, 10.9089



11.2232, 10.5624, 14.2792



9.5118, 10.5624, 8.0503

Square

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



11.2232, 10.5624, 14.2792



10.9676, 10.5624, 8.5344



8.9416, 10.5624, 9.1082



9.1648, 10.5624, 15.0851

Rectangle

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



11.2232, 10.5624, 14.2792



11.5308, 10.5624, 10.6783



8.9416, 10.5624, 9.1082



8.6822, 10.5624, 12.3641

Sweetspot

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



11.2235, 10.5629, 14.2794



22.0344, 22.3879, 26.1370



9.9626, 10.1730, 14.2706



5.3510, 5.4172, 6.3694



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.2235, 10.5629, 14.2794



19.4091, 17.6923, 25.3691



11.1660, 10.5660, 12.7932



2.9040, 2.8726, 3.5334



8.3803, 3.9644, 16.4678



43.2049, 20.4172, 85.8652

Inverse Universe

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



10.8053, 10.4218, 10.8940



18.4977, 17.3866, 17.9101



10.7510, 12.5150, 12.1744



2.8421, 2.8515, 3.0413



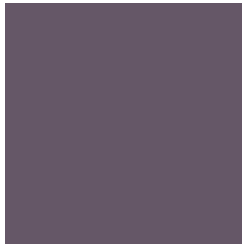
7.1190, 3.6606, 0.7593



36.9419, 19.0167, 2.9712

Previews

White Background



This preview shows how the XYZ color 11.2232, 10.5624, 14.2792 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



This preview shows how the XYZ color 11.2232, 10.5624, 14.2792 looks on a 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 11.2232, 10.5624, 14.2792

Background



This preview shows how black text looks on a background with the XYZ color 11.2232, 10.5624, 14.2792.



This preview shows how white text looks on a background with the XYZ color 11.2232, 10.5624,

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

11.2232, 10.5624, 14.2792

Protanopia

10.4107, 10.6259, 14.8669

Deuteranopia

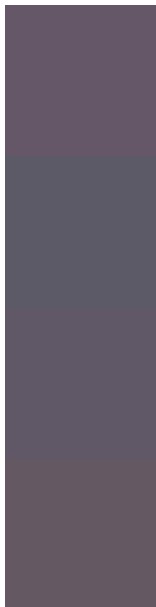
10.7399, 10.5569, 14.3036



Tritanopia

10.8108, 10.5150, 12.2863

Trichromacy



Original Color

11.2232, 10.5624, 14.2792

Protanomaly

10.6691, 10.6390, 14.5879

Deuteranomaly

10.8677, 10.5001, 14.2859

Tritanomaly

10.9499, 10.5706, 13.0185

Monochromacy



Original Color

11.2232, 10.5624, 14.2792

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.7226, 10.8320, 12.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2232, 10.5624, 14.2792 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(101, 87, 103)` looks like.

```
.text, #text, p{  
    color:rgb(101, 87, 103)  
}
```

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(101, 87, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 87, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.2232, 10.5624, 14.2792 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(101, 87, 103) }
```


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

```
.border{ border-color:rgb(101, 87, 103) }
```

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

Here you see how a box with a 4 pixel rgb(101, 87, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 87, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 87, 103);  
box-shadow:4px 4px 4px 4px rgb(101, 87,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2232, 10.5624, 14.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 87, 103) }
```

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

```
.background{ background-color: rgb(101, 87,  
103) }
```

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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