

Converting Colors

XYZ(8.6712, 10.9785, 14.3581)

Have a look what the booklet for
XYZ(8.6712, 10.9785, 14.3581)
contains.

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Color

**XYZ(8.6428, 10.9435,
14.2272)**

Conversions

Conversions Part 1

Format	Color
Hex	396466
RGB	57, 100, 102
RGB Percent	22%, 39%, 40%
CMY	0.7765, 0.6078, 0.6000
CMYK	0.44, 0.02, 0.00, 0.60
HSL	183°, 28%, 31%
HSV	183°, 44%, 40%
XYZ	8.6428, 10.9435, 14.2272
YIQ	87.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

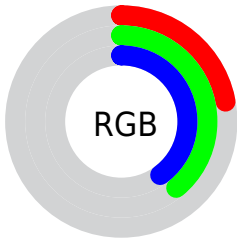
Format	Color
RYB	57, 79, 102
Decimal	3761254
CIELab	39.49, -14.32, -5.82
CIElCh	39, 15.458, 202.134
Yxy	10.9435, 0.2556, 0.3236
Android (android.graphics.Color)	4281951334 (0xFF396466)
YUV	87.3710, 7.2121, -26.6354
Hunter-Lab	33.0810, -11.2564, -2.3423

Details

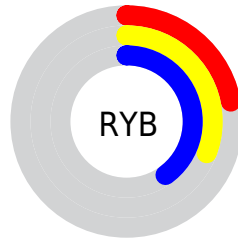
The XYZ color **8.6428, 10.9435, 14.2272** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.7822, 6.2483, 4.6671**, and the grayscale version is **9.1284, 9.6038, 10.4585**.

A 20% lighter version of the original color is **22.8798, 27.5589, 34.2505**, and **2.0128, 2.8479, 4.0580** is the 20% darker color. If you saturate the color by 10%, you get **8.0755, 10.5870, 14.1885**, and if you desaturate by 10%, it is **9.3279, 11.3616, 14.2720**.

Distribution



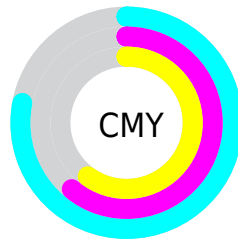
- Red (22%)
- Green (39%)
- Blue (40%)



- Red (22%)
- Yellow (31%)
- Blue (40%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (78%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6428, 10.9435, 14.2272 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 8.6428, 10.9435, 14.2272 by changing the saturation by 10% instead.

8.6428, 10.9435,
14.2272

8.6428, 10.9435,
14.2272

174.9545,
197.2795, 230.1171

4.5642, 6.0289,
8.1383

22.8828, 27.5556,
34.2145

2.0260, 2.8626,
4.0945

33.7750, 40.0219,
48.9500

0.6485, 1.0604,
1.6773

47.6689, 55.7742,
67.4048

0.0000, 0.0000,
0.3451

64.9302, 75.1969,
89.9975

0.0000, 0.0000,
0.0000

85.9240, 98.6744,
117.1465

111.0157,

126.5910, 149.2704

140.5708,
159.3313, 186.7877

■ 8.6428, 10.9435,
14.2272

■ 8.6428, 10.9435,
14.2272

■ 8.0755, 10.5870,
14.1885

■ 9.3279, 11.3616,
14.2720

■ 7.6180, 10.2871,
14.1547

■ 10.1362, 11.8434,
14.3224

■ 7.2627, 10.0403,
14.1258

■ 11.0741, 12.3924,
14.3789

■ 7.0009, 9.8421,
14.1013

■ 12.1472, 13.0113,
14.4418

■ 6.8165, 9.6841,
14.0806

■ 13.3607, 13.7031,
14.5114

■ 6.7165, 9.5957,
14.0688

■ 14.7196, 14.4701,
14.5878

■ 16.2287, 15.3149,
14.6713

■ 17.8924, 16.2399,
14.7622

■ 19.7152, 17.2472,
14.8605

Harmonies

Analogous

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



8.5287, 10.9435, 11.1424



8.6428, 10.9435, 14.2272



9.2119, 10.9435, 17.0822

Triad

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



8.6428, 10.9435, 14.2272



12.0764, 10.9435, 15.8245



10.6799, 10.9435, 7.0607

Complementary

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



8.6428, 10.9435, 14.2272



7.7822, 6.2483, 4.6671

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.



11.6893, 10.9435, 7.9125



8.6428, 10.9435, 14.2272



12.5301, 10.9435, 12.7237

Square

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



8.6428, 10.9435, 14.2272



11.1801, 10.9435, 18.1071



12.3839, 10.9435, 9.8690



9.6599, 10.9435, 7.3259

Rectangle

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



8.6428, 10.9435, 14.2272



9.7949, 10.9435, 18.3023



12.3839, 10.9435, 9.8690



11.0326, 10.9435, 7.2200

Sweetspot

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



8.6431, 10.9439, 14.2275



19.5528, 21.8094, 25.2248



7.2155, 10.6835, 5.7521



4.5442, 5.1052, 5.9467



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.



8.6431, 10.9439, 14.2275



14.1262, 18.5437, 24.8804



6.8103, 7.2783, 13.6165



2.8937, 3.1654, 3.5904



8.6186, 12.3090, 18.0660



44.7772, 63.8510, 94.1659

Inverse Universe

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



9.2432, 6.6714, 12.8576



15.3443, 10.0321, 22.0634



9.1607, 9.0053, 5.1266



2.9309, 2.8870, 3.5086



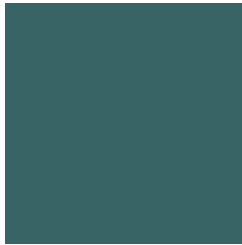
9.8330, 4.7461, 15.0505



51.1966, 24.7186, 78.0357

Previews

White Background



This preview shows how the XYZ color 8.6428, 10.9435, 14.2272 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 8.6428, 10.9435, 14.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

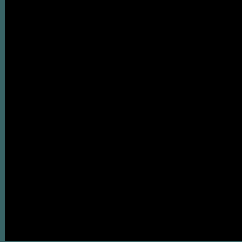
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.6428, 10.9435, 14.2272

Background



This preview shows how black text looks on a background with the XYZ color 8.6428, 10.9435, 14.2272.



This preview shows how white text looks on a background with the XYZ color 8.6428, 10.9435,

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

8.6428, 10.9435, 14.2272

Protanopia

10.4990, 10.8445, 12.8491

Deuteranopia

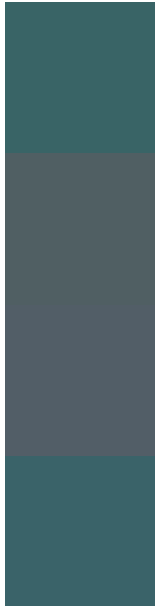
10.9787, 10.7986, 14.6024



Tritanopia

8.9193, 10.9150, 15.5466

Trichromacy



Original Color

8.6428, 10.9435, 14.2272

Protanomaly

9.6526, 10.7907, 13.3785

Deuteranomaly

9.9306, 10.7785, 14.3890

Tritanomaly

8.7566, 10.8431, 14.9960

Monochromacy



Original Color

8.6428, 10.9435, 14.2272

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.7394, 9.9635, 11.5877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6428, 10.9435, 14.2272 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(57, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(57, 100, 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(57, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 100, 102) }
```

Border

The CSS property to change the border of an element to XYZ 8.6428, 10.9435, 14.2272 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(57, 100, 102) }
```


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

```
.border{ border-color:rgb(57, 100, 102) }
```

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

Here you see how a box with a 4 pixel rgb(57, 100, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(57, 100,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 8.6428, 10.9435, 14.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 100, 102) }
```

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

```
.background{ background-color: rgb(57, 100,  
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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