

Converting Colors

XYZ(11.4435, 13.9110, 14.1385)

Have a look what the booklet for
XYZ(11.4435, 13.9110, 14.1385)
contains.

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Color

**XYZ(11.4435, 13.9110,
14.1385)**

Conversions

Conversions Part 1

Format	Color
Hex	536E64
RGB	83, 110, 100
RGB Percent	33%, 43%, 39%
CMY	0.6745, 0.5686, 0.6078
CMYK	0.25, 0.00, 0.09, 0.57
HSL	158°, 14%, 38%
HSV	158°, 25%, 43%
XYZ	11.4435, 13.9110, 14.1385
YIQ	100.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

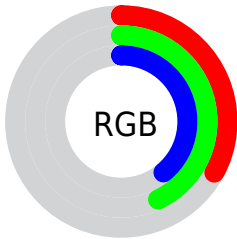
Format	Color
RYB	83, 100, 110
Decimal	5467748
CIELab	44.11, -12.18, 2.35
CIELCh	44, 12.405, 169.069
Yxy	13.9110, 0.2898, 0.3522
Android (android.graphics.Color)	4283657828 (0xFF536E64)
YUV	100.7870, -0.3880, -15.5992
Hunter-Lab	37.2975, -10.5037, 3.6329

Details

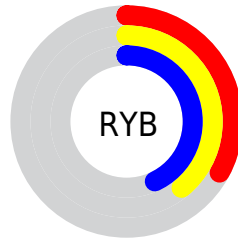
The XYZ color **11.4435, 13.9110, 14.1385** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.5000, 10.2923, 11.7372**, and the grayscale version is **12.3184, 12.9599, 14.1134**.

A 20% lighter version of the original color is **28.1791, 33.0616, 34.1745**, and **3.1282, 4.0956, 3.9938** is the 20% darker color. If you saturate the color by 10%, you get **10.3567, 13.3733, 13.0839**, and if you desaturate by 10%, it is **12.6950, 14.5332, 15.2529**.

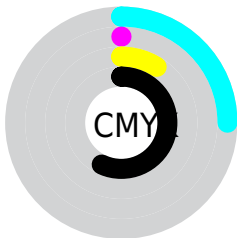
Distribution



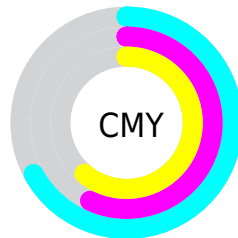
- Red (33%)
- Green (43%)
- Blue (39%)



- Red (33%)
- Yellow (39%)
- Blue (43%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (57%)



- Cyan (67%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4435, 13.9110, 14.1385 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 11.4435, 13.9110, 14.1385 by changing the saturation by 10% instead.

■ 11.4435, 13.9110,
14.1385

■ 11.4435, 13.9110,
14.1385

194.5316,
216.6765, 229.5491

■ 6.4355, 8.0588,
8.0772

■ 28.1031, 32.9310,
34.0552

■ 3.1548, 4.1326,
4.0559

■ 40.4855, 46.8676,
48.7478

■ 1.2361, 1.7480,
1.6561

■ 56.0566, 64.2678,
67.1544

■ 0.1346, 0.4545,
0.3304

■ 75.1818, 85.5160,
89.6938

■ 0.0000, 0.0000,
0.0000

■ 98.2266, 110.9966,
116.7844

125.5563,

141.0939, 148.8448

157.5361,
176.1924, 186.2935

■ 11.4435, 13.9110,
14.1385

■ 11.4435, 13.9110,
14.1385

■ 10.3567, 13.3733,
13.0839

■ 12.6950, 14.5332,
15.2529

■ 9.4260, 12.9146,
12.0871

■ 14.1169, 15.2417,
16.4272

■ 8.6438, 12.5314,
11.1473

■ 15.7161, 16.0404,
17.6628

■ 8.0015, 12.2192,
10.2632

■ 17.4988, 16.9326,
18.9606

■ 7.4893, 11.9730,
9.4336

■ 19.4708, 17.9211,
20.3216

■ 7.0964, 11.7872,
8.6573

■ 21.6377, 19.0089,
21.7467

■ 6.8040, 11.6522,
7.9324

■ 24.0049, 20.1987,
23.2369

■ 6.6583, 11.5852,
7.5571

■ 26.5775, 21.4931,
24.7930

■ 29.3604, 22.8947,
26.4159

Harmonies

Analogous

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



11.8384, 13.9110, 11.8553



11.4435, 13.9110, 14.1385



11.5070, 13.9110, 16.9942

Triad

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



11.4435, 13.9110, 14.1385



13.8522, 13.9110, 20.8911



14.5057, 13.9110, 11.3978

Complementary

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



11.4435, 13.9110, 14.1385



11.5000, 10.2923, 11.7372

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.



15.0995, 13.9110, 13.4383



11.4435, 13.9110, 14.1385



14.7094, 13.9110, 18.9970

Square

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



11.4435, 13.9110, 14.1385



12.8651, 13.9110, 21.1396



15.1758, 13.9110, 16.2018



13.5854, 13.9110, 10.4092

Rectangle

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



11.4435, 13.9110, 14.1385



11.8016, 13.9110, 18.8400



15.1758, 13.9110, 16.2018



14.7520, 13.9110, 11.9707

Sweetspot

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



11.4439, 13.9116, 14.1388



24.1017, 26.4225, 28.2931



11.6875, 14.1225, 10.2938



5.5876, 6.1382, 6.5669



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.4439, 13.9116, 14.1388



19.0637, 23.9184, 23.8482



11.6243, 13.4495, 16.7359



3.4251, 3.7952, 4.0448



7.9841, 13.9111, 9.0028



39.3455, 69.1268, 42.6000

Inverse Universe

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



11.5000, 10.2923, 11.7372



19.1794, 16.4827, 18.9165



11.3320, 10.6195, 9.6364



3.4309, 3.4201, 3.7956



8.1870, 4.1672, 2.7948



40.3967, 20.6040, 11.8871

Previews

White Background



This preview shows how the XYZ color 11.4435, 13.9110, 14.1385 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 11.4435, 13.9110, 14.1385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

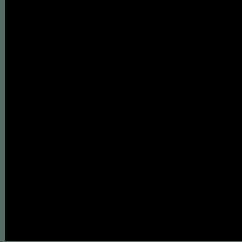
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

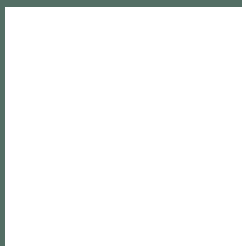
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4435, 13.9110, 14.1385

Background



This preview shows how black text looks on a background with the XYZ color 11.4435, 13.9110, 14.1385.



This preview shows how white text looks on a background with the XYZ color 11.4435, 13.9110,

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

11.4435, 13.9110, 14.1385

Protanopia

13.2923, 13.9518, 13.3017

Deuteranopia

14.1222, 13.9115, 14.5112



Tritanopia

12.3527, 13.9645, 18.5674

Trichromacy



Original Color

11.4435, 13.9110, 14.1385

Protanomaly

12.5042, 13.8426, 13.5681

Deuteranomaly

12.8928, 13.7238, 14.2813

Tritanomaly

12.0294, 13.9944, 16.8190

Monochromacy



Original Color

11.4435, 13.9110, 14.1385

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.9154, 13.2199, 14.2356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4435, 13.9110, 14.1385 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(83, 110, 100)` looks like.

```
.text, #text, p{  
    color:rgb(83, 110, 100)  
}
```

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(83, 110, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 110, 100) }
```

Border

The CSS property to change the border of an element to XYZ 11.4435, 13.9110, 14.1385 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(83, 110, 100) }
```


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

```
.border{ border-color:rgb(83, 110, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 110, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 110, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 110, 100);  
box-shadow:4px 4px 4px 4px rgb(83, 110,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4435, 13.9110, 14.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 110, 100) }
```

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

```
.background{ background-color: rgb(83, 110,  
100) }
```

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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