

Converting Colors

XYZ(11.5491, 13.6102, 14.3326)

Have a look what the booklet for
XYZ(11.5491, 13.6102, 14.3326)
contains.

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Color

**XYZ(11.5493, 13.6431,
14.3366)**

Conversions

Conversions Part 1

Format	Color
Hex	566C65
RGB	86, 108, 101
RGB Percent	34%, 42%, 40%
CMY	0.6627, 0.5765, 0.6039
CMYK	0.20, 0.00, 0.06, 0.58
HSL	161°, 11%, 38%
HSV	161°, 20%, 42%
XYZ	11.5493, 13.6431, 14.3366
YIQ	100.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

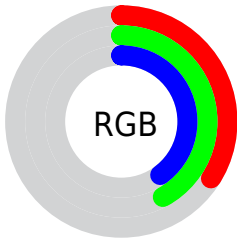
Format	Color
R_{YB}	86, 99, 108
Decimal	5663845
CIE Lab	43.72, -9.75, 1.21
CIE LCh	44, 9.822, 172.912
Yxy	13.6431, 0.2922, 0.3451
Android (android.graphics.Color)	4283853925 (0xFF566C65)
YUV	100.6240, 0.1854, -12.8252
Hunter-Lab	36.9366, -8.8257, 2.8427

Details

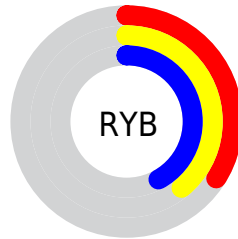
The XYZ color **11.5493, 13.6431, 14.3366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4884, 10.6345, 11.8037**, and the grayscale version is **12.2747, 12.9139, 14.0632**.

A 20% lighter version of the original color is **28.2190, 32.2975, 34.4525**, and **3.2097, 4.0549, 4.1035** is the 20% darker color. If you saturate the color by 10%, you get **10.4643, 13.1032, 13.4253**, and if you desaturate by 10%, it is **12.7924, 14.2645, 15.2927**.

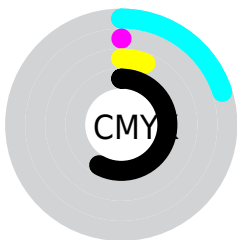
Distribution



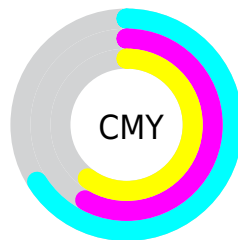
- Red (34%)
- Green (42%)
- Blue (40%)



- Red (34%)
- Yellow (39%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5493, 13.6431, 14.3366 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 11.5493, 13.6431, 14.3366 by changing the saturation by 10% instead.

■ 11.5493, 13.6431,
14.3366

■ 11.5493, 13.6431,
14.3366

195.2297,
214.9991, 230.8157

■ 6.5076, 7.8729,
8.2137

■ 28.2956, 32.4544,
34.4108

■ 3.1997, 4.0137,
4.1423

■ 40.7308, 46.2643,
49.1992

■ 1.2602, 1.6812,
1.7037

■ 56.3613, 63.5228,
67.7131

■ 0.1531, 0.4115,
0.3633

■ 75.5524, 84.6144,
90.3712

■ 0.0000, 0.0000,
0.0000

■ 98.6695, 109.9234,
117.5920

126.0778,

139.8342, 149.7940

158.1428,
174.7313, 187.3957

■ 11.5493, 13.6431,
14.3366

■ 11.5493, 13.6431,
14.3366

■ 10.4643, 13.1032,
13.4253

■ 12.7924, 14.2645,
15.2927

■ 9.5294, 12.6395,
12.5570

■ 14.1989, 14.9688,
16.2933

■ 8.7378, 12.2488,
11.7313

■ 15.7752, 15.7599,
17.3396

■ 8.0814, 11.9271,
10.9474

■ 17.5269, 16.6406,
18.4321

■ 7.5515, 11.6699,
10.2043

■ 19.4595, 17.6137,
19.5715

■ 7.1383, 11.4720,
9.5012

■ 21.5782, 18.6818,
20.7586

■ 6.8305, 11.3277,
8.8370

■ 23.8880, 19.8476,
21.9939

■ 6.5865, 11.2150,
8.2315

■ 26.3937, 21.1135,
23.2780

■ 29.0999, 22.4819,
24.6116

Harmonies

Analogous

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



11.8188, 13.6431, 12.4359



11.5493, 13.6431, 14.3366



11.6475, 13.6431, 16.5724

Triad

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



11.5493, 13.6431, 14.3366



13.5539, 13.6431, 19.1252



13.8833, 13.6431, 11.7151

Complementary

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



11.5493, 13.6431, 14.3366



11.4884, 10.6345, 11.8037

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.



14.3833, 13.6431, 13.2605



11.5493, 13.6431, 14.3366



14.1880, 13.6431, 17.5691

Square

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



11.5493, 13.6431, 14.3366



12.7851, 13.6431, 19.4860



14.4970, 13.6431, 15.3858



13.1514, 13.6431, 11.0229

Rectangle

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



11.5493, 13.6431, 14.3366



11.9102, 13.6431, 17.9418



14.4970, 13.6431, 15.3858



14.0853, 13.6431, 12.1442

Sweetspot

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



11.5497, 13.6437, 14.3369



23.4611, 25.5442, 27.5766



11.5908, 13.7421, 10.8460



5.6522, 6.1696, 6.6558



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.



11.5497, 13.6437, 14.3369



19.4272, 23.5291, 24.4747



11.5289, 13.0295, 16.0952



3.1428, 3.4763, 3.7360



7.8432, 13.3714, 9.7515



39.5575, 67.9701, 47.5444

Inverse Universe

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



11.4884, 10.6345, 11.8037



19.3011, 17.3187, 19.2483



11.4926, 11.1167, 10.3445



3.1358, 3.1312, 3.4453



7.7156, 3.9384, 2.1309



38.9581, 19.9252, 8.9820

Previews

White Background



This preview shows how the XYZ color 11.5493, 13.6431, 14.3366 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 11.5493, 13.6431, 14.3366 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

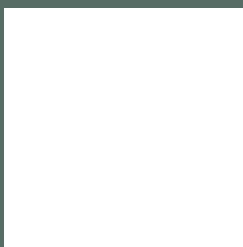
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5493, 13.6431, 14.3366

Background



This preview shows how black text looks on a background with the XYZ color 11.5493, 13.6431, 14.3366.



This preview shows how white text looks on a background with the XYZ color 11.5493, 13.6431,

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

11.5493, 13.6431, 14.3366

Protanopia

12.9987, 13.6465, 13.5042

Deuteranopia

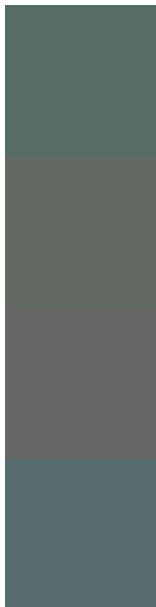
13.8154, 13.6043, 14.7297



Tritanopia

12.3111, 13.6468, 17.9048

Trichromacy



Original Color

11.5493, 13.6431, 14.3366

Protanomaly

12.4493, 13.6567, 13.7842

Deuteranomaly

12.8420, 13.5434, 14.5077

Tritanomaly

12.0425, 13.6942, 16.4765

Monochromacy



Original Color

11.5493, 13.6431, 14.3366

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1231, 13.3270, 14.2453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5493, 13.6431, 14.3366 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(86, 108, 101) looks like.

```
.text, #text, p{  
    color:rgb(86, 108, 101)  
}
```

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(86, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 108, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.5493, 13.6431, 14.3366 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(86, 108, 101) }
```


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

```
.border{ border-color:rgb(86, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(86, 108,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5493, 13.6431, 14.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 108, 101) }
```

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

```
.background{ background-color: rgb(86, 108,  
101) }
```

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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