

Converting Colors

XYZ(12.0053, 13.3459, 14.3845)

Have a look what the booklet for
XYZ(12.0053, 13.3459, 14.3845)
contains.

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Color

**XYZ(12.0659, 13.4421,
14.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6966
RGB	94, 105, 102
RGB Percent	37%, 41%, 40%
CMY	0.6314, 0.5882, 0.6000
CMYK	0.10, 0.00, 0.03, 0.59
HSL	164°, 6%, 39%
HSV	164°, 10%, 41%
XYZ	12.0659, 13.4421, 14.5290
YIQ	101.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

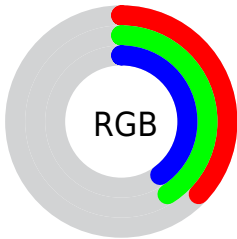
Format	Color
R_{YB}	94, 100, 105
Decimal	6187366
CIE Lab	43.42, -4.84, 0.25
CIE LCh	43, 4.845, 177.034
Yxy	13.4421, 0.3014, 0.3357
Android (android.graphics.Color)	4284377446 (0xFF5E6966)
YUV	101.3690, 0.3111, -6.4626
Hunter-Lab	36.6635, -5.4170, 2.1690

Details

The XYZ color **12.0659, 13.4421, 14.5290** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9865, 11.8720, 12.9696**, and the grayscale version is **12.4656, 13.1148, 14.2820**.

A 20% lighter version of the original color is **29.1398, 32.0061, 34.7790**, and **3.4216, 3.9303, 4.1927** is the 20% darker color. If you saturate the color by 10%, you get **10.9220, 12.8689, 13.7468**, and if you desaturate by 10%, it is **13.3619, 14.0939, 15.3445**.

Distribution



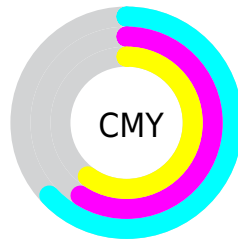
- Red (37%)
- Green (41%)
- Blue (40%)



- Red (37%)
- Yellow (39%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0659, 13.4421, 14.5290 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 12.0659, 13.4421, 14.5290 by changing the saturation by 10% instead.

■ 12.0659, 13.4421,
14.5290

■ 12.0659, 13.4421,
14.5290

198.6021,
213.7319, 232.0391

■ 6.8611, 7.7337,
8.3466

■ 29.2309, 32.0958,
34.7553

■ 3.4209, 3.9250,
4.2266

■ 41.9218, 45.8098,
49.6362

■ 1.3801, 1.6317,
1.7504

■ 57.8387, 62.9612,
68.2538

■ 0.2420, 0.3788,
0.3950

■ 77.3471, 83.9343,
91.0264

■ 0.0000, 0.0000,
0.0000

100.8123,
109.1136, 118.3728

128.5996,

138.8833, 150.7113

161.0744,
173.6280, 188.4606

■ 12.0659, 13.4421,
14.5290

■ 12.0659, 13.4421,
14.5290

■ 10.9220, 12.8689,
13.7468

■ 13.3619, 14.0939,
15.3445

■ 9.9233, 12.3696,
12.9965

■ 14.8146, 14.8255,
16.1930

■ 9.0638, 11.9415,
12.2778

■ 16.4296, 15.6402,
17.0752

■ 8.3366, 11.5811,
11.5902

■ 18.2120, 16.5406,
17.9917

■ 7.7344, 11.2846,
10.9330

■ 20.1666, 17.5292,
18.9428

■ 7.2491, 11.0478,
10.3056

■ 22.2980, 18.6084,
19.9290

■ 6.8715, 10.8660,
9.7073

■ 24.6107, 19.7804,
20.9508

■ 6.5913, 10.7339,
9.1373

■ 27.1090, 21.0475,
22.0087

■ 6.3687, 10.6304,
8.6185

■ 29.7970, 22.4118,
23.1030

Harmonies

Analogous

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



12.1777, 13.4421, 13.5352



12.0659, 13.4421, 14.5290



12.1414, 13.4421, 15.6003

Triad

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



12.0659, 13.4421, 14.5290



13.1087, 13.4421, 16.5646



13.1749, 13.4421, 12.9624

Complementary

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



12.0659, 13.4421, 14.5290



11.9865, 11.8720, 12.9696

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.



13.4330, 13.4421, 13.7126



12.0659, 13.4421, 14.5290



13.3943, 13.4421, 15.7953

Square

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



12.0659, 13.4421, 14.5290



12.7388, 13.4421, 16.8091



13.5141, 13.4421, 14.7438



12.8139, 13.4421, 12.6590

Rectangle

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



12.0659, 13.4421, 14.5290



12.2885, 13.4421, 16.2087



13.5141, 13.4421, 14.7438



13.2768, 13.4421, 13.1688

Sweetspot

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



12.0663, 13.4427, 14.5293



23.2932, 24.9179, 27.0886



12.0145, 13.4597, 12.5546



5.4185, 5.8180, 6.3220



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.



12.0663, 13.4427, 14.5293



20.9843, 23.7581, 25.6035



11.9785, 13.0245, 15.2479



3.1483, 3.4785, 3.7648



8.0478, 13.4532, 10.8289



40.6289, 68.3987, 53.1863

Inverse Universe

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



11.9865, 11.8720, 12.9696



20.8054, 20.2349, 22.1052



12.0644, 12.2476, 12.3180



3.1306, 3.1291, 3.4178



7.6372, 3.9070, 1.7183



38.5932, 19.7792, 7.0607

Previews

White Background



This preview shows how the XYZ color 12.0659, 13.4421, 14.5290 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 12.0659, 13.4421, 14.5290 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

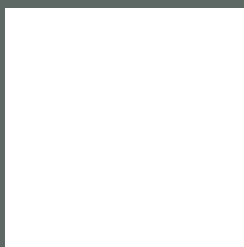
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.0659, 13.4421, 14.5290

Background



This preview shows how black text looks on a background with the XYZ color 12.0659, 13.4421, 14.5290.



This preview shows how white text looks on a background with the XYZ color 12.0659, 13.4421,

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

12.0659, 13.4421, 14.5290

Protanopia

12.8773, 13.4261, 13.9694

Deuteranopia

13.5921, 13.3477, 14.6919



Tritanopia

12.6988, 13.5573, 17.2768

Trichromacy



Original Color

12.0659, 13.4421, 14.5290

Protanomaly

12.5660, 13.4068, 14.2374

Deuteranomaly

12.9276, 13.2899, 14.7158

Tritanomaly

12.3764, 13.4162, 16.1246

Monochromacy



Original Color

12.0659, 13.4421, 14.5290

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1373, 13.0390, 14.1890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0659, 13.4421, 14.5290 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(94, 105, 102) looks like.

```
.text, #text, p{  
  color:rgb(94, 105, 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(94, 105, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 105, 102) }
```

Border

The CSS property to change the border of an element to XYZ 12.0659, 13.4421, 14.5290 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(94, 105, 102) }
```


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

```
.border{ border-color:rgb(94, 105, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 105, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 105, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 105, 102);  
box-shadow:4px 4px 4px 4px rgb(94, 105,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0659, 13.4421, 14.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 105, 102) }
```

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

```
.background{ background-color: rgb(94, 105,  
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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