

Converting Colors

XYZ(11.9290, 13.2817, 14.9914)

Have a look what the booklet for
XYZ(11.9290, 13.2817, 14.9914)
contains.

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Color

**XYZ(11.8626, 13.1754,
15.0146)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6868
RGB	92, 104, 104
RGB Percent	36%, 41%, 41%
CMY	0.6392, 0.5921, 0.5922
CMYK	0.12, 0.00, 0.00, 0.59
HSL	180°, 6%, 38%
HSV	180°, 12%, 41%
XYZ	11.8626, 13.1754, 15.0146
YIQ	100.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

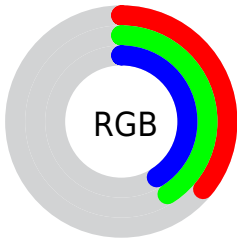
Format	Color
RYB	92, 98, 104
Decimal	6056040
CIELab	43.03, -4.55, -1.56
CIElCh	43, 4.811, 198.889
Yxy	13.1754, 0.2962, 0.3290
Android (android.graphics.Color)	4284246120 (0xFF5C6868)
YUV	100.4120, 1.7689, -7.3773
Hunter-Lab	36.2979, -5.1854, 0.8833

Details

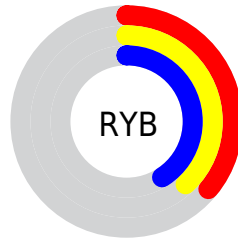
The XYZ color **11.8626, 13.1754, 15.0146** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4683, 11.3703, 11.7160**, and the grayscale version is **12.2156, 12.8518, 13.9956**.

A 20% lighter version of the original color is **28.7931, 31.5600, 35.5845**, and **3.3284, 3.8025, 4.4294** is the 20% darker color. If you saturate the color by 10%, you get **10.8942, 12.6766, 14.9692**, and if you desaturate by 10%, it is **12.9744, 13.7489, 15.0673**.

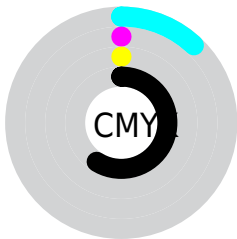
Distribution



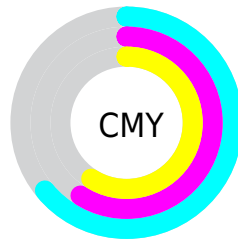
- Red (36%)
- Green (41%)
- Blue (41%)



- Red (36%)
- Yellow (38%)
- Blue (41%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8626, 13.1754, 15.0146 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 11.8626, 13.1754, 15.0146 by changing the saturation by 10% instead.

■ 11.8626, 13.1754,
15.0146

■ 11.8626, 13.1754,
15.0146

197.2821,
212.0387, 235.0984

■ 6.7217, 7.5494,
8.6829

■ 28.8636, 31.6185,
35.6215

■ 3.3335, 3.8080,
4.4410

■ 41.4545, 45.2045,
50.7337

■ 1.3325, 1.5668,
1.8702

■ 57.2594, 62.2126,
69.6098

■ 0.2073, 0.3350,
0.4737

■ 76.6437, 83.0272,
92.6685

■ 0.0000, 0.0000,
0.0000

99.9728, 108.0327,
120.3281

127.6120,

137.6136, 153.0073

159.9266,
172.1541, 191.1245

■ 11.8626, 13.1754,
15.0146

■ 11.8626, 13.1754,
15.0146

■ 10.8942, 12.6766,
14.9692

■ 12.9744, 13.7489,
15.0673

■ 10.0624, 12.2477,
14.9299

■ 14.2339, 14.3982,
15.1266

■ 9.3612, 11.8863,
14.8967

■ 15.6467, 15.1265,
15.1931

■ 8.7842, 11.5888,
14.8693

■ 17.2177, 15.9364,
15.2670

■ 8.3240, 11.3516,
14.8474

■ 18.9515, 16.8302,
15.3485

■ 7.9727, 11.1705,
14.8306

■ 20.8528, 17.8103,
15.4378

■ 7.7213, 11.0409,
14.8185

■ 22.9257, 18.8790,
15.5352

■ 7.5589, 10.9572,
14.8105

■ 25.1745, 20.0382,
15.6408

■ 7.4487, 10.9004,
14.8051

■ 27.6032, 21.2903,
15.7548

Harmonies

Analogous

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



11.8386, 13.1754, 13.9572



11.8626, 13.1754, 15.0146



12.0615, 13.1754, 15.9340

Triad

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



11.8626, 13.1754, 15.0146



13.0658, 13.1754, 15.7256



12.6602, 13.1754, 12.4405

Complementary

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



11.8626, 13.1754, 15.0146



11.4683, 11.3703, 11.7160

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.



12.9958, 13.1754, 12.8667



11.8626, 13.1754, 15.0146



13.2330, 13.1754, 14.7414

Square

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



11.8626, 13.1754, 15.0146



12.7542, 13.1754, 16.3582



13.2071, 13.1754, 13.6971



12.2942, 13.1754, 12.5055

Rectangle

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



11.8626, 13.1754, 15.0146



12.2687, 13.1754, 16.3288



13.2071, 13.1754, 13.6971



12.7804, 13.1754, 12.5302

Sweetspot

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



11.8630, 13.1760, 15.0149



22.4435, 23.9562, 26.4180



11.3160, 12.9595, 12.0303



5.4417, 5.8272, 6.4437



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.



11.8630, 13.1760, 15.0149



20.3014, 22.8520, 26.3170



11.2991, 12.0480, 14.8273



2.9036, 3.1852, 3.5937



9.1815, 13.4362, 18.2493



47.8863, 70.0771, 95.1783

Inverse Universe

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



11.4683, 11.3703, 11.7160



19.4535, 18.9733, 19.2306



11.9901, 12.4142, 11.8896



2.8295, 2.8465, 2.9748



7.0375, 3.6279, 0.3298



36.7040, 18.9216, 1.7186

Previews

White Background



This preview shows how the XYZ color 11.8626, 13.1754, 15.0146 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 11.8626, 13.1754, 15.0146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

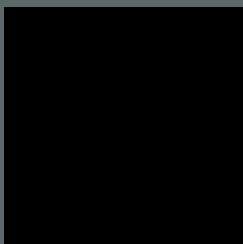
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

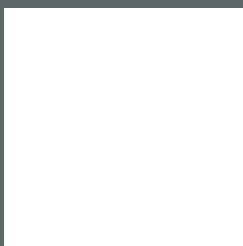
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8626, 13.1754, 15.0146

Background



This preview shows how black text looks on a background with the XYZ color 11.8626, 13.1754, 15.0146.



This preview shows how white text looks on a background with the XYZ color 11.8626, 13.1754,

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

11.8626, 13.1754, 15.0146

Protanopia

12.6455, 13.1502, 14.4421

Deuteranopia

13.3479, 13.0703, 15.1839



Tritanopia

12.2337, 13.1753, 16.9372

Trichromacy



Original Color

11.8626, 13.1754, 15.0146

Protanomaly

12.3451, 13.1347, 14.7165

Deuteranomaly

12.7005, 13.0178, 15.2079

Tritanomaly

12.0712, 13.1104, 16.0817

Monochromacy



Original Color

11.8626, 13.1754, 15.0146

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.9324, 12.7883, 14.1514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8626, 13.1754, 15.0146 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(92, 104, 104) looks like.

```
.text, #text, p{  
    color:rgb(92, 104, 104)  
}
```

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(92, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 104, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.8626, 13.1754, 15.0146 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(92, 104, 104) }
```


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

```
.border{ border-color:rgb(92, 104, 104) }
```

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

Here you see how a box with a 4 pixel rgb(92, 104, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(92, 104,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8626, 13.1754, 15.0146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 104, 104) }
```

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

```
.background{ background-color: rgb(92, 104,  
104) }
```

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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