

Converting Colors

XYZ(11.3922, 12.5120, 14.7886)

Have a look what the booklet for
XYZ(11.3922, 12.5120, 14.7886)
contains.

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Color

**XYZ(11.3688, 12.4805,
14.9065)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6568
RGB	90, 101, 104
RGB Percent	35%, 40%, 41%
CMY	0.6471, 0.6039, 0.5922
CMYK	0.13, 0.03, 0.00, 0.59
HSL	193°, 7%, 38%
HSV	193°, 13%, 41%
XYZ	11.3688, 12.4805, 14.9065
YIQ	98.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

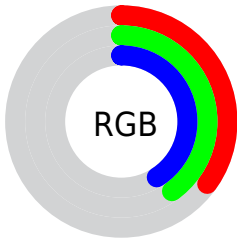
Format	Color
R_{YB}	90, 96, 104
Decimal	5924200
CIE Lab	41.97, -3.51, -3.13
CIE LCh	42, 4.707, 221.694
Yxy	12.4805, 0.2933, 0.3220
Android (android.graphics.Color)	4284114280 (0xFF5A6568)
YUV	98.0530, 2.9319, -7.0625
Hunter-Lab	35.3278, -4.3806, -0.2879

Details

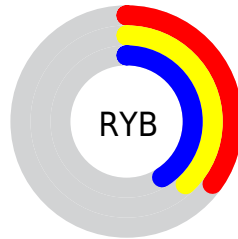
The XYZ color **11.3688, 12.4805, 14.9065** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4688, 11.5098, 11.2902**, and the grayscale version is **11.6172, 12.2222, 13.3100**.

A 20% lighter version of the original color is **27.9598, 30.3985, 35.4042**, and **3.0964, 3.4692, 4.3773** is the 20% darker color. If you saturate the color by 10%, you get **10.2139, 11.5688, 14.7916**, and if you desaturate by 10%, it is **12.6718, 13.4780, 15.0306**.

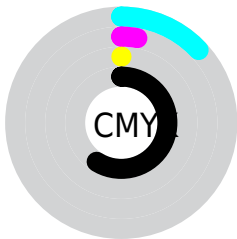
Distribution



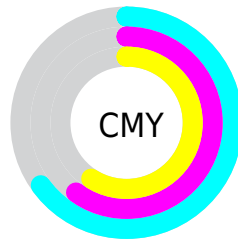
- Red (35%)
- Green (40%)
- Blue (41%)



- Red (35%)
- Yellow (38%)
- Blue (41%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3688, 12.4805, 14.9065 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 11.3688, 12.4805, 14.9065 by changing the saturation by 10% instead.

■ 11.3688, 12.4805,
14.9065

■ 11.3688, 12.4805,
14.9065

194.0370,
207.5609, 234.4208

■ 6.3846, 7.0718,
8.6079

■ 27.9671, 30.3673,
35.4290

■ 3.1232, 3.5070,
4.3930

■ 40.3119, 43.6141,
50.4901

■ 1.2192, 1.4018,
1.8433

■ 55.8409, 60.2425,
69.3090

■ 0.1215, 0.2181,
0.4563

■ 74.9195, 80.6368,
92.3043

■ 0.0000, 0.0000,
0.0000

■ 97.9131, 105.1814,
119.8947

125.1870,

134.2607, 152.4985

157.1065,
168.2590, 190.5344

■ 11.3688, 12.4805,
14.9065

■ 11.3688, 12.4805,
14.9065

■ 10.2139, 11.5688,
14.7916

■ 12.6718, 13.4780,
15.0306

■ 9.2002, 10.7381,
14.6847

■ 14.1275, 14.5626,
15.1632

■ 8.3218, 9.9857,
14.5858

■ 15.7414, 15.7377,
15.3049

■ 7.5718, 9.3081,
14.4945

■ 17.5186, 17.0058,
15.4560

■ 6.9429, 8.7013,
14.4105

■ 19.4638, 18.3695,
15.6167

■ 6.4269, 8.1610,
14.3334

■ 21.5816, 19.8312,
15.7872

■ 6.0144, 7.6824,
14.2628

■ 23.8764, 21.3932,
15.9678

■ 5.6912, 7.2580,
14.1979

■ 26.3524, 23.0578,
16.1586

■ 5.4955, 6.9930,
14.1571

■ 29.0138, 24.8272,
16.3599

Harmonies

Analogous

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



11.2180, 12.4805, 13.9820



11.3688, 12.4805, 14.9065



11.6530, 12.4805, 15.4945

Triad

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



11.3688, 12.4805, 14.9065



12.5102, 12.4805, 14.2011



11.7270, 12.4805, 11.7946

Complementary

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



11.3688, 12.4805, 14.9065



11.4688, 11.5098, 11.2902

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.



12.0741, 12.4805, 11.8468



11.3688, 12.4805, 14.9065



12.5309, 12.4805, 13.2037

Square

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



11.3688, 12.4805, 14.9065



12.3138, 12.4805, 15.0737



12.3700, 12.4805, 12.3518



11.4220, 12.4805, 12.2054

Rectangle

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



11.3688, 12.4805, 14.9065



11.8822, 12.4805, 15.5998



12.3700, 12.4805, 12.3518



11.8425, 12.4805, 11.7591

Sweetspot

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



11.3692, 12.4810, 14.9068



22.0745, 23.5271, 26.3548



11.1339, 12.8613, 12.2054



5.3505, 5.7135, 6.4267



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.



11.3692, 12.4810, 14.9068



19.3135, 21.4028, 26.0903



10.7358, 11.2143, 14.6957



2.8564, 3.0909, 3.5780



6.7510, 8.5738, 17.4434



34.5579, 43.4124, 90.7594

Inverse Universe

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



11.7143, 11.1952, 13.8560



20.0440, 18.7170, 23.8585



12.0926, 12.7575, 11.4981



2.9121, 2.8795, 3.4095



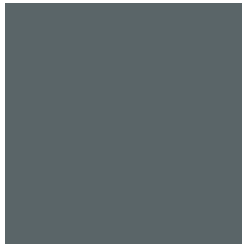
8.8903, 4.3691, 10.0866



46.0384, 22.6553, 50.8728

Previews

White Background



This preview shows how the XYZ color 11.3688, 12.4805, 14.9065 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 11.3688, 12.4805, 14.9065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

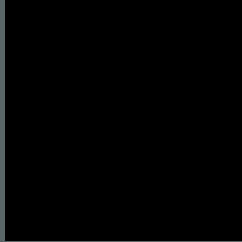
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

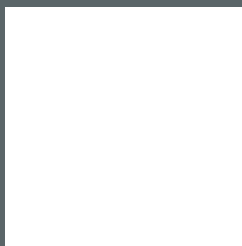
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3688, 12.4805, 14.9065

Background



This preview shows how black text looks on a background with the XYZ color 11.3688, 12.4805, 14.9065.



This preview shows how white text looks on a background with the XYZ color 11.3688, 12.4805,

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

11.3688, 12.4805, 14.9065

Protanopia

12.0215, 12.4040, 14.3310

Deuteranopia

12.6765, 12.4498, 15.0995



Tritanopia

11.5783, 12.4212, 15.9746

Trichromacy



Original Color

11.3688, 12.4805, 14.9065

Protanomaly

11.7339, 12.3897, 14.6050

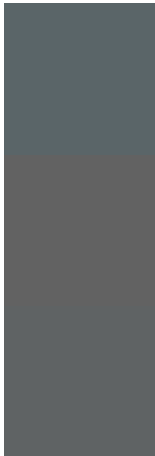
Deuteranomaly

12.1730, 12.4646, 15.1289

Tritanomaly

11.5254, 12.4000, 15.6959

Monochromacy



Original Color

11.3688, 12.4805, 14.9065

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4814, 12.2767, 13.8211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3688, 12.4805, 14.9065 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(90, 101, 104) looks like.

```
.text, #text, p{  
    color:rgb(90, 101, 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(90, 101, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 101, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.3688, 12.4805, 14.9065 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(90, 101, 104) }
```


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

```
.border{ border-color:rgb(90, 101, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 101, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 101, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 101, 104);  
box-shadow:4px 4px 4px 4px rgb(90, 101,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3688, 12.4805, 14.9065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 101, 104) }
```

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

```
.background{ background-color: rgb(90, 101,  
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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