

Converting Colors

XYZ(11.2874, 12.4096, 14.5065)

Have a look what the booklet for
XYZ(11.2874, 12.4096, 14.5065)
contains.

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Color

**XYZ(11.3183, 12.4603,
14.6405)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6567
RGB	90, 101, 103
RGB Percent	35%, 40%, 40%
CMY	0.6471, 0.6039, 0.5961
CMYK	0.13, 0.02, 0.00, 0.60
HSL	189°, 7%, 38%
HSV	189°, 13%, 40%
XYZ	11.3183, 12.4603, 14.6405
YIQ	97.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

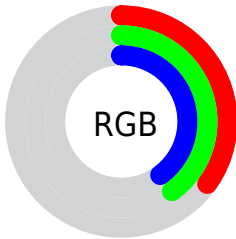
Format	Color
R_{YB}	90, 96, 103
Decimal	5924199
CIE _{Lab}	41.94, -3.74, -2.57
CIE _{LCh}	42, 4.541, 214.437
Yxy	12.4603, 0.2946, 0.3243
Android (android.graphics.Color)	4284114279 (0xFF5A6567)
YUV	97.9390, 2.4951, -6.9625
Hunter-Lab	35.2992, -4.5394, 0.1186

Details

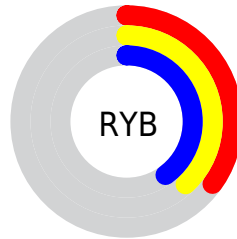
The XYZ color **11.3183, 12.4603, 14.6405** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2662, 11.2759, 11.2557**, and the grayscale version is **11.5898, 12.1934, 13.2786**.

A 20% lighter version of the original color is **27.8762, 30.3650, 34.9637**, and **3.0717, 3.4593, 4.2472** is the 20% darker color. If you saturate the color by 10%, you get **10.2329, 11.6751, 14.5463**, and if you desaturate by 10%, it is **12.5462, 13.3241, 14.7427**.

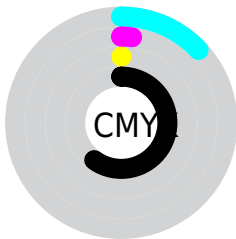
Distribution



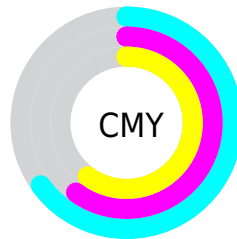
- Red (35%)
- Green (40%)
- Blue (40%)



- Red (35%)
- Yellow (38%)
- Blue (40%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3183, 12.4603, 14.6405 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 11.3183, 12.4603, 14.6405 by changing the saturation by 10% instead.

■ 11.3183, 12.4603,
14.6405

■ 11.3183, 12.4603,
14.6405

193.7020,
207.4292, 232.7452

■ 6.3502, 7.0580,
8.4237

■ 27.8750, 30.3307,
34.9546

■ 3.1019, 3.4984,
4.2756

■ 40.1944, 43.5676,
49.8889

■ 1.2079, 1.3971,
1.7777

■ 55.6949, 60.1848,
68.5662

■ 0.1126, 0.2146,
0.4132

■ 74.7419, 80.5667,
91.4049

■ 0.0000, 0.0000,
0.0000

■ 97.7008, 105.0977,
118.8236

124.9368,

134.1622, 151.2409

156.8154,
168.1446, 189.0752

■ 11.3183, 12.4603,
14.6405

■ 11.3183, 12.4603,
14.6405

■ 10.2329, 11.6751,
14.5463

■ 12.5462, 13.3241,
14.7427

■ 9.2833, 10.9639,
14.4591

■ 13.9210, 14.2676,
14.8524

■ 8.4638, 10.3241,
14.3788

■ 15.4480, 15.2942,
14.9700

■ 7.7677, 9.7523,
14.3051

■ 17.1322, 16.4062,
15.0959

■ 7.1880, 9.2448,
14.2377

■ 18.9781, 17.6060,
15.2302

■ 6.7168, 8.7974,
14.1762

■ 20.9902, 18.8960,
15.3732

■ 6.3452, 8.4057,
14.1202

■ 23.1727, 20.2785,
15.5250

■ 6.0607, 8.0631,
14.0691

■ 25.5297, 21.7554,
15.6858

■ 5.8700, 7.8229,
14.0327

■ 28.0652, 23.3290,
15.8559

Harmonies

Analogous

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



11.2107, 12.4603, 13.7108



11.3183, 12.4603, 14.6405



11.5666, 12.4603, 15.3055

Triad

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



11.3183, 12.4603, 14.6405



12.4355, 12.4603, 14.3812



11.7932, 12.4603, 11.8049

Complementary

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



11.3183, 12.4603, 14.6405



11.2662, 11.2759, 11.2557

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.



12.1241, 12.4603, 11.9657



11.3183, 12.4603, 14.6405



12.4990, 12.4603, 13.4245

Square

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



11.3183, 12.4603, 14.6405



12.2122, 12.4603, 15.1509



12.3840, 12.4603, 12.5476



11.4816, 12.4603, 12.0978

Rectangle

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



11.3183, 12.4603, 14.6405



11.7806, 12.4603, 15.4931



12.3840, 12.4603, 12.5476



11.9059, 12.4603, 11.8078

Sweetspot

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



11.3187, 12.4608, 14.6408



22.1197, 23.6176, 26.3699



10.9965, 12.6462, 11.9753



5.3632, 5.7387, 6.4309



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.



11.3187, 12.4608, 14.6408



19.6937, 21.9017, 26.1666



10.7166, 11.2567, 14.4401



2.8696, 3.1173, 3.5824



7.3651, 9.8020, 17.6481



37.8989, 50.0945, 91.8731

Inverse Universe

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



11.5989, 11.1357, 13.8506



20.2998, 19.0638, 24.4517



11.8491, 12.4418, 11.4500



2.9187, 2.8822, 3.4446



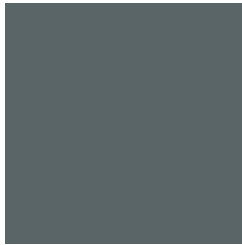
9.2003, 4.4931, 11.7188



47.7248, 23.3299, 59.7533

Previews

White Background



This preview shows how the XYZ color 11.3183, 12.4603, 14.6405 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 11.3183, 12.4603, 14.6405 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

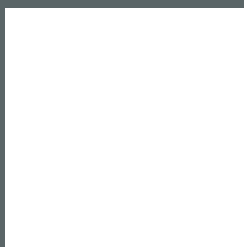
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3183, 12.4603, 14.6405

Background



This preview shows how black text looks on a background with the XYZ color 11.3183, 12.4603, 14.6405.



This preview shows how white text looks on a background with the XYZ color 11.3183, 12.4603,

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

11.3183, 12.4603, 14.6405

Protanopia

11.9722, 12.3843, 14.0713

Deuteranopia

12.6254, 12.4294, 14.8304



Tritanopia

11.5783, 12.4212, 15.9746

Trichromacy



Original Color

11.3183, 12.4603, 14.6405

Protanomaly

11.6840, 12.3698, 14.3422

Deuteranomaly

12.1219, 12.4442, 14.8598

Tritanomaly

11.4731, 12.3791, 15.4204

Monochromacy



Original Color

11.3183, 12.4603, 14.6405

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 11.3183, 12.4603, 14.6405 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, 103) looks like.

```
.text, #text, p{  
    color:rgb(90, 101, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 101, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.3183, 12.4603, 14.6405 is called "border". The border property can be set on classes, ids or directly on the HTML element.

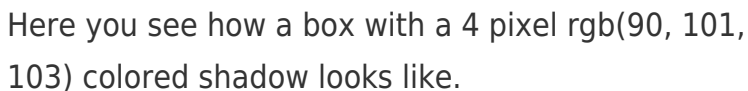
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 101, 103) }
```


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

```
.border{ border-color:rgb(90, 101, 103) }
```

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, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(90, 101, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(90, 101, 103); box-shadow:4px 4px 4px 4px rgb(90, 101, 103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3183, 12.4603, 14.6405 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, 103) }
```

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

```
.background{ background-color: rgb(90, 101,  
103) }
```

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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