

Converting Colors

XYZ(11.1648, 12.3026, 11.6837)

Have a look what the booklet for
XYZ(11.1648, 12.3026, 11.6837)
contains.

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Color

**XYZ(11.1648, 12.3026,
11.6837)**

Conversions

Conversions Part 1

Format	Color
Hex	5F645B
RGB	95, 100, 91
RGB Percent	37%, 39%, 36%
CMY	0.6274, 0.6078, 0.6431
CMYK	0.05, 0.00, 0.09, 0.61
HSL	93°, 5%, 37%
HSV	93°, 9%, 39%
XYZ	11.1648, 12.3026, 11.6837
YIQ	97.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

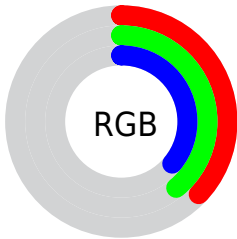
Format	Color
RYB	91, 100, 96
Decimal	6251611
CIELab	41.69, -3.80, 4.43
CIELCh	42, 5.840, 130.643
Yxy	12.3026, 0.3176, 0.3500
Android (android.graphics.Color)	4284441691 (0xFF5F645B)
YUV	97.4790, -3.1941, -2.1741
Hunter-Lab	35.0751, -4.5627, 4.8027

Details

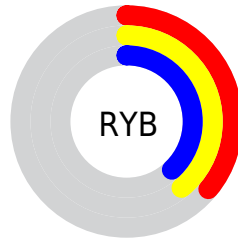
The XYZ color **11.1648, 12.3026, 11.6837** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8657, 10.8894, 13.5865**, and the grayscale version is **11.4882, 12.0865, 13.1622**.

A 20% lighter version of the original color is **27.5514, 30.0760, 29.5524**, and **3.0134, 3.3886, 2.9779** is the 20% darker color. If you saturate the color by 10%, you get **10.2051, 11.8548, 9.5350**, and if you desaturate by 10%, it is **12.2239, 12.7957, 14.1377**.

Distribution



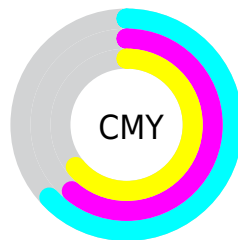
- Red (37%)
- Green (39%)
- Blue (36%)



- Red (36%)
- Yellow (39%)
- Blue (38%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (61%)



- Cyan (63%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1648, 12.3026, 11.6837 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 11.1648, 12.3026, 11.6837 by changing the saturation by 10% instead.

■ 11.1648, 12.3026,
11.6837

■ 11.1648, 12.3026,
11.6837

192.6797,
206.3984, 213.2030

■ 6.2459, 6.9501,
6.4088

■ 27.5948, 30.0450,
29.5734

■ 3.0373, 3.4309,
3.0224

■ 39.8365, 43.2038,
43.0253

■ 1.1735, 1.3606,
1.1061

■ 55.2500, 59.7334,
60.0399

■ 0.0853, 0.1874,
0.0000

■ 74.2005, 80.0183,
81.0358

■ 0.0000, 0.0000,
0.0000

97.0533, 104.4428,
106.4315

124.1739,

133.3914, 136.6456

155.9276,
167.2485, 172.0966

■ 11.1648, 12.3026,
11.6837

■ 11.1648, 12.3026,
11.6837

■ 10.2051, 11.8548,
9.5350

■ 12.2239, 12.7957,
14.1377

■ 9.3407, 11.4494,
7.6789

■ 13.3843, 13.3338,
16.9076

■ 8.5686, 11.0854,
6.1029

■ 14.6492, 13.9187,
20.0041

■ 7.8853, 10.7614,
4.7935

■ 16.0213, 14.5514,
23.4377

■ 7.2871, 10.4758,
3.7357

■ 17.5032, 15.2333,
27.2179

■ 6.7699, 10.2269,
2.9134

■ 19.0974, 15.9652,
31.3542

■ 6.3292, 10.0126,
2.3085

■ 20.8064, 16.7484,
35.8556

■ 5.9601, 9.8310,
1.9000

■ 22.6325, 17.5838,
40.7307

■ 5.6444, 9.6746,
1.5986

■ 24.5780, 18.4724,
45.9879

Harmonies

Analogous

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



11.5417, 12.3026, 11.2078



11.1648, 12.3026, 11.6837



10.9331, 12.3026, 12.6285

Triad

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



11.1648, 12.3026, 11.6837



11.4223, 12.3026, 15.7471



12.5218, 12.3026, 12.9644

Complementary

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



11.1648, 12.3026, 11.6837



10.8657, 10.8894, 13.5865

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.



12.4879, 12.3026, 14.1928



11.1648, 12.3026, 11.6837



11.8461, 12.3026, 15.8507

Square

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



11.1648, 12.3026, 11.6837



11.0792, 12.3026, 14.9918



12.2381, 12.3026, 15.2667



12.3296, 12.3026, 11.9166

Rectangle

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



11.1648, 12.3026, 11.6837



10.8886, 12.3026, 13.4220



12.2381, 12.3026, 15.2667



12.5366, 12.3026, 13.3690

Sweetspot

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



11.1651, 12.3031, 11.6840



20.6491, 22.0688, 22.9603



11.3227, 11.8218, 11.5828



5.0497, 5.4156, 5.5773



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.1651, 12.3031, 11.6840



19.1671, 21.3785, 19.5614



10.7797, 12.1022, 11.7676



2.9018, 3.1965, 3.0385



7.4666, 12.9079, 2.0979



37.9660, 66.8181, 10.8962

Inverse Universe

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



10.8657, 10.8894, 13.5865



18.5167, 18.3073, 23.6944



11.2756, 11.1032, 13.4922



2.8245, 2.8316, 3.5297



5.1794, 2.3143, 16.3180



25.9953, 11.5453, 85.0598

Previews

White Background



This preview shows how the XYZ color 11.1648, 12.3026, 11.6837 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 11.1648, 12.3026, 11.6837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

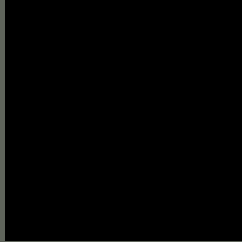
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

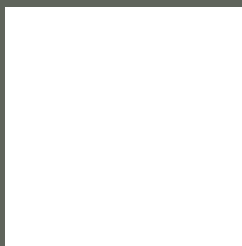
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1648, 12.3026, 11.6837

Background



This preview shows how black text looks on a background with the XYZ color 11.1648, 12.3026, 11.6837.



This preview shows how white text looks on a background with the XYZ color 11.1648, 12.3026,

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

11.1648, 12.3026, 11.6837

Protanopia

11.6926, 12.2983, 11.4304

Deuteranopia

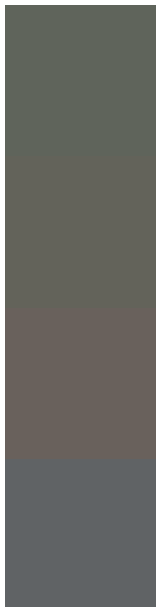
12.4544, 12.2721, 11.8376



Tritanopia

11.8990, 12.3174, 15.3860

Trichromacy



Original Color

11.1648, 12.3026, 11.6837

Protanomaly

11.4529, 12.3145, 11.4462

Deuteranomaly

12.0322, 12.3254, 11.8701

Tritanomaly

11.6347, 12.3501, 14.0825

Monochromacy



Original Color

11.1648, 12.3026, 11.6837

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2571, 12.0484, 12.5587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1648, 12.3026, 11.6837 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(95, 100, 91) looks like.

```
.text, #text, p{  
    color:rgb(95, 100, 91)  
}
```

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(95, 100, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 100, 91) }
```

Border

The CSS property to change the border of an element to XYZ 11.1648, 12.3026, 11.6837 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(95, 100, 91) }
```


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

```
.border{ border-color:rgb(95, 100, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 100, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 100, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 100, 91);  
box-shadow:4px 4px 4px 4px rgb(95, 100,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1648, 12.3026, 11.6837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 100, 91) }
```

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

```
.background{ background-color: rgb(95, 100,  
91) }
```

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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