

Converting Colors

XYZ(11.1887, 12.4982, 10.5905)

Have a look what the booklet for
XYZ(11.1887, 12.4982, 10.5905)
contains.

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Color

**XYZ(11.1573, 12.4660,
10.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	606556
RGB	96, 101, 86
RGB Percent	38%, 40%, 34%
CMY	0.6235, 0.6039, 0.6627
CMYK	0.05, 0.00, 0.15, 0.60
HSL	80°, 8%, 37%
HSV	80°, 15%, 40%
XYZ	11.1573, 12.4660, 10.6222
YIQ	97.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

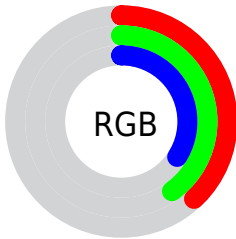
Format	Color
R_{YB}	86, 101, 91
Decimal	6317398
CIE Lab	41.95, -4.96, 7.84
CIE LCh	42, 9.275, 122.294
Yxy	12.4660, 0.3258, 0.3640
Android (android.graphics.Color)	4284507478 (0xFF606556)
YUV	97.7950, -5.8149, -1.5742
Hunter-Lab	35.3072, -5.3805, 6.8776

Details

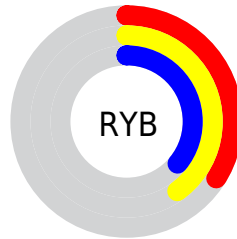
The XYZ color **11.1573, 12.4660, 10.6222** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.9915, 9.8196, 13.6812**, and the grayscale version is **11.5724, 12.1751, 13.2587**.

A 20% lighter version of the original color is **27.7048, 30.4371, 27.7073**, and **3.0348, 3.4765, 2.6089** is the 20% darker color. If you saturate the color by 10%, you get **10.4322, 12.1363, 8.6121**, and if you desaturate by 10%, it is **11.9558, 12.8276, 12.9366**.

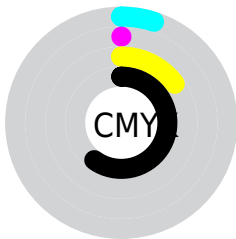
Distribution



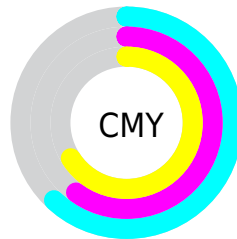
- Red (38%)
- Green (40%)
- Blue (34%)



- Red (34%)
- Yellow (40%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1573, 12.4660, 10.6222 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 11.1573, 12.4660, 10.6222 by changing the saturation by 10% instead.

■ 11.1573, 12.4660,
10.6222

■ 11.1573, 12.4660,
10.6222

192.6296,
207.4664, 205.7005

■ 6.2408, 7.0619,
5.7024

■ 27.5811, 30.3410,
27.5853

■ 3.0341, 3.5008,
2.5992

■ 39.8190, 43.5807,
40.4657

■ 1.1718, 1.3985,
0.8920

■ 55.2282, 60.2011,
56.8368

■ 0.0839, 0.2156,
0.0000

■ 74.1740, 80.5865,
77.1170

■ 0.0000, 0.0000,
0.0000

■ 97.0216, 105.1213,
101.7249

124.1365,

134.1900, 131.0791

155.8841,
168.1769, 165.5981

■ 11.1573, 12.4660,
10.6222

■ 11.1573, 12.4660,
10.6222

■ 10.4322, 12.1363,
8.6121

■ 11.9558, 12.8276,
12.9366

■ 9.7769, 11.8359,
6.8927

■ 12.8291, 13.2205,
15.5662

■ 9.1889, 11.5641,
5.4508

■ 13.7799, 13.6462,
18.5228

■ 8.6654, 11.3197,
4.2718

■ 14.8103, 14.1056,
21.8169

■ 8.2030, 11.1015,
3.3397

■ 15.9226, 14.5995,
25.4588

■ 7.7982, 10.9080,
2.6369

■ 17.1187, 15.1289,
29.4582

■ 7.4471, 10.7375,
2.1432

■ 18.4006, 15.6944,
33.8247

■ 7.1412, 10.5868,
1.8164

■ 19.7701, 16.2969,
38.5672

■ 6.9914, 10.5128,
1.6607

■ 21.2292, 16.9370,
43.6944

Harmonies

Analogous

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



11.7958, 12.4660, 10.1359



11.1573, 12.4660, 10.6222



10.7180, 12.4660, 11.8906

Triad

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



11.1573, 12.4660, 10.6222



11.2454, 12.4660, 17.2026



13.2169, 12.4660, 13.4226

Complementary

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



11.1573, 12.4660, 10.6222



9.9915, 9.8196, 13.6812

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.



13.0559, 12.4660, 15.4078



11.1573, 12.4660, 10.6222



11.9015, 12.4660, 17.7115

Square

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



11.1573, 12.4660, 10.6222



10.7675, 12.4660, 15.6947



12.5678, 12.4660, 17.0260



12.9997, 12.4660, 11.6523

Rectangle

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



11.1573, 12.4660, 10.6222



10.5881, 12.4660, 13.0728



12.5678, 12.4660, 17.0260



13.2052, 12.4660, 14.0866

Sweetspot

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



11.1576, 12.4665, 10.6225



20.6309, 22.0691, 22.5236



10.7880, 10.9211, 10.3437



5.0555, 5.4208, 5.4803



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.



11.1576, 12.4665, 10.6225



18.6852, 21.1881, 16.9160



10.4057, 12.0789, 10.5873



2.9561, 3.2246, 3.0410



9.1224, 13.7614, 2.1754



46.6240, 71.2815, 11.3014

Inverse Universe

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



9.9915, 9.8196, 13.6812



16.2504, 15.6610, 23.3031



10.7683, 10.2200, 13.7176



2.7708, 2.8039, 3.5271



3.8888, 1.6490, 16.2576



19.4372, 8.1645, 84.7528

Previews

White Background



This preview shows how the XYZ color 11.1573, 12.4660, 10.6222 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 11.1573, 12.4660, 10.6222 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

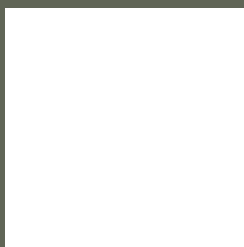
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1573, 12.4660, 10.6222

Background



This preview shows how black text looks on a background with the XYZ color 11.1573, 12.4660, 10.6222.

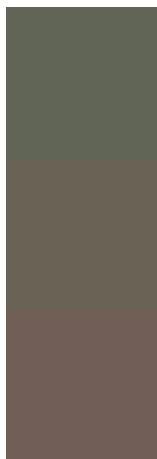


This preview shows how white text looks on a background with the XYZ color 11.1573, 12.4660,

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

11.1573, 12.4660, 10.6222

Protanopia

11.8105, 12.5226, 10.3890

Deuteranopia

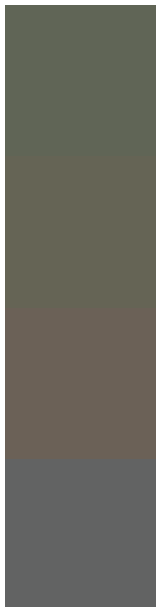
12.6226, 12.3832, 10.7417



Tritanopia

12.1148, 12.4286, 15.3961

Trichromacy



Original Color

11.1573, 12.4660, 10.6222

Protanomaly

11.5637, 12.5369, 10.4047

Deuteranomaly

12.0584, 12.3633, 10.7676

Tritanomaly

11.7510, 12.4212, 13.5826

Monochromacy



Original Color

11.1573, 12.4660, 10.6222

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4120, 12.2732, 12.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1573, 12.4660, 10.6222 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(96, 101, 86) looks like.

```
.text, #text, p{  
    color:rgb(96, 101, 86)  
}
```

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(96, 101, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 101, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.1573, 12.4660, 10.6222 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(96, 101, 86) }
```


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

```
.border{ border-color:rgb(96, 101, 86) }
```

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

Here you see how a box with a 4 pixel rgb(96, 101, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 101, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 101, 86);  
box-shadow:4px 4px 4px 4px rgb(96, 101,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1573, 12.4660, 10.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 101, 86) }
```

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

```
.background{ background-color: rgb(96, 101,  
86) }
```

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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