

Converting Colors

XYZ(11.1641, 12.5865, 11.9205)

Have a look what the booklet for
XYZ(11.1641, 12.5865, 11.9205)
contains.

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Color

**XYZ(11.1973, 12.6026,
11.9676)**

Conversions

Conversions Part 1

Format	Color
Hex	5D665C
RGB	93, 102, 92
RGB Percent	36%, 40%, 36%
CMY	0.6353, 0.6000, 0.6392
CMYK	0.09, 0.00, 0.10, 0.60
HSL	114°, 5%, 38%
HSV	114°, 10%, 40%
XYZ	11.1973, 12.6026, 11.9676
YIQ	98.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

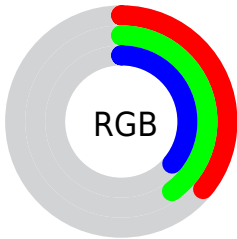
Format	Color
R _Y B	92, 102, 101
Decimal	6121052
CIE Lab	42.16, -5.57, 4.47
CIE LCh	42, 7.143, 141.262
Yxy	12.6026, 0.3131, 0.3523
Android (android.graphics.Color)	4284311132 (0xFF5D665C)
YUV	98.1690, -3.0413, -4.5332
Hunter-Lab	35.5001, -5.8236, 4.8626

Details

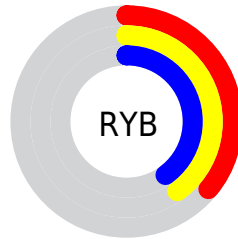
The XYZ color **11.1973, 12.6026, 11.9676** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5928, 11.3807, 14.1567**, and the grayscale version is **11.6595, 12.2667, 13.3585**.

A 20% lighter version of the original color is **27.6014, 30.5751, 30.0380**, and **3.0316, 3.5340, 3.1071** is the 20% darker color. If you saturate the color by 10%, you get **9.9070, 11.9859, 9.7343**, and if you desaturate by 10%, it is **12.6599, 13.3019, 14.5230**.

Distribution



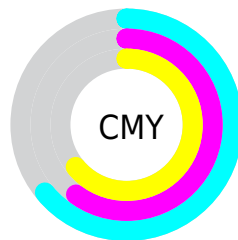
- Red (36%)
- Green (40%)
- Blue (36%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1973, 12.6026, 11.9676 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 11.1973, 12.6026, 11.9676 by changing the saturation by 10% instead.

■ 11.1973, 12.6026,
11.9676

■ 11.1973, 12.6026,
11.9676

192.8967,
208.3548, 215.1610

■ 6.2680, 7.1555,
6.5993

■ 27.6542, 30.5880,
30.0996

■ 3.0509, 3.5595,
3.1382

■ 39.9124, 43.8950,
43.7004

■ 1.1807, 1.4304,
1.1656

■ 55.3443, 60.5908,
60.8825

■ 0.0911, 0.2389,
0.0000

■ 74.3153, 81.0597,
82.0644

■ 0.0000, 0.0000,
0.0000

97.1907, 105.6862,
107.6647

124.3358,

134.8546, 138.1018

156.1160,
168.9494, 173.7944

■ 11.1973, 12.6026,
11.9676

■ 11.1973, 12.6026,
11.9676

■ 9.9070, 11.9859,
9.7343

■ 12.6599, 13.3019,
14.5230

■ 8.7817, 11.4472,
7.8094

■ 14.2999, 14.0851,
17.4117

■ 7.8151, 10.9840,
6.1798

■ 16.1232, 14.9554,
20.6453

■ 6.9999, 10.5928,
4.8308

■ 18.1353, 15.9153,
24.2347

■ 6.3285, 10.2699,
3.7465

■ 20.3414, 16.9673,
28.1904

■ 5.7925, 10.0116,
2.9096

■ 22.7466, 18.1139,
32.5222

■ 5.3825, 9.8133,
2.3006

■ 25.3556, 19.3571,
37.2397

■ 5.0881, 9.6701,
1.8970

■ 28.1731, 20.6994,
42.3522

■ 4.8825, 9.5706,
1.5957

■ 31.2037, 22.1427,
47.8687

Harmonies

Analogous

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



11.6109, 12.6026, 11.1666



11.1973, 12.6026, 11.9676



10.9945, 12.6026, 13.2814

Triad

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



11.1973, 12.6026, 11.9676



11.8235, 12.6026, 16.8295



12.9582, 12.6026, 12.6859

Complementary

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



11.1973, 12.6026, 11.9676



11.5928, 11.3807, 14.1567

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.



13.0193, 12.6026, 14.1724



11.1973, 12.6026, 11.9676



12.3536, 12.6026, 16.6405

Square

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



11.1973, 12.6026, 11.9676



11.3490, 12.6026, 16.1390



12.7950, 12.6026, 15.6402



12.6306, 12.6026, 11.5594

Rectangle

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



11.1973, 12.6026, 11.9676



11.0019, 12.6026, 14.3028



12.7950, 12.6026, 15.6402



13.0110, 12.6026, 13.1573

Sweetspot

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



11.1976, 12.6031, 11.9679



21.3264, 22.9093, 23.9353



12.0655, 12.9055, 11.9805



4.9899, 5.3848, 5.5745



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.



11.1976, 12.6031, 11.9679



19.0344, 21.8138, 19.9409



11.2767, 12.6232, 12.9089



2.8203, 3.1545, 3.0347



6.2465, 12.2789, 2.0408



32.2082, 63.8499, 10.6267

Inverse Universe

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



11.5928, 11.3807, 14.1567



19.8927, 19.1585, 24.6952



11.5117, 11.3612, 13.1420



2.9103, 2.8758, 3.5337



8.7064, 4.1325, 16.4831



44.9917, 21.3383, 85.9488

Previews

White Background



This preview shows how the XYZ color 11.1973, 12.6026, 11.9676 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 11.1973, 12.6026, 11.9676 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

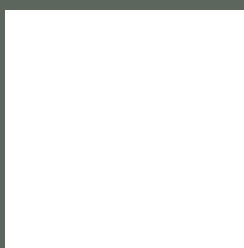
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1973, 12.6026, 11.9676

Background



This preview shows how black text looks on a background with the XYZ color 11.1973, 12.6026, 11.9676.

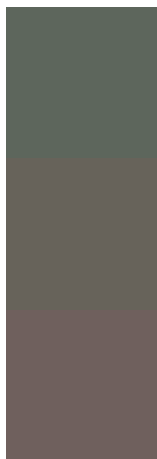


This preview shows how white text looks on a background with the XYZ color 11.1973, 12.6026,

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

11.1973, 12.6026, 11.9676

Protanopia

11.9008, 12.5454, 11.4671

Deuteranopia

12.7142, 12.5356, 12.1054



Tritanopia

11.9833, 12.6299, 15.9936

Trichromacy



Original Color

11.1973, 12.6026, 11.9676

Protanomaly

11.5911, 12.5223, 11.7037

Deuteranomaly

12.0524, 12.4687, 12.1274

Tritanomaly

11.6680, 12.6464, 14.3964

Monochromacy



Original Color

11.1973, 12.6026, 11.9676

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.3970, 12.2550, 12.8311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1973, 12.6026, 11.9676 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(93, 102, 92) looks like.

```
.text, #text, p{  
    color:rgb(93, 102, 92)  
}
```

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(93, 102, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 102, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.1973, 12.6026, 11.9676 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(93, 102, 92) }
```


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

```
.border{ border-color:rgb(93, 102, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 102, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 102, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 102, 92);  
box-shadow:4px 4px 4px 4px rgb(93, 102,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1973, 12.6026, 11.9676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 102, 92) }
```

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

```
.background{ background-color: rgb(93, 102,  
92) }
```

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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