

Converting Colors

XYZ(10.6940, 12.5570, 8.9556)

Have a look what the booklet for
XYZ(10.6940, 12.5570, 8.9556)
contains.

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Color

**XYZ(10.7040, 12.5635,
8.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	5D674D
RGB	93, 103, 77
RGB Percent	36%, 40%, 30%
CMY	0.6353, 0.5961, 0.6980
CMYK	0.10, 0.00, 0.25, 0.60
HSL	83°, 14%, 35%
HSV	83°, 25%, 40%
XYZ	10.7040, 12.5635, 8.8820
YIQ	97.0460, 2.3860, -10.2060

Conversions

Conversions Part 2

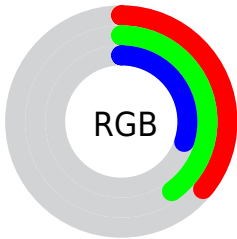
Format	Color
RYB	77, 103, 87
Decimal	6121293
CIELab	42.10, -8.97, 13.43
CIElCh	42, 16.148, 123.727
Yxy	12.5635, 0.3329, 0.3908
Android (android.graphics.Color)	4284311373 (0xFF5D674D)
YUV	97.0460, -9.8827, -3.5483
Hunter-Lab	35.4450, -8.1238, 9.9543

Details

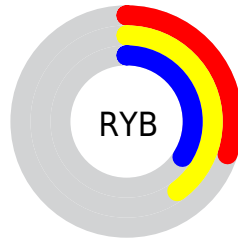
The XYZ color **10.7040, 12.5635, 8.8820** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.0331, 8.3136, 13.9613**, and the grayscale version is **11.3970, 11.9905, 13.0577**.

A 20% lighter version of the original color is **26.8231, 30.5469, 24.2211**, and **2.8610, 3.5425, 1.9718** is the 20% darker color. If you saturate the color by 10%, you get **9.9781, 12.2284, 7.0976**, and if you desaturate by 10%, it is **11.5089, 12.9334, 10.9713**.

Distribution



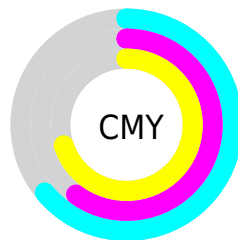
- Red (36%)
- Green (40%)
- Blue (30%)



- Red (30%)
- Yellow (40%)
- Blue (34%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7040, 12.5635, 8.8820 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 10.7040, 12.5635, 8.8820 by changing the saturation by 10% instead.

■ 10.7040, 12.5635,
8.8820

■ 10.7040, 12.5635,
8.8820

189.5759,
208.1009, 192.6807

■ 5.9340, 7.1287,
4.5685

■ 26.7493, 30.5173,
24.2443

■ 2.8453, 3.5427,
1.9421

■ 38.7554, 43.8051,
36.1303

■ 1.0725, 1.4212,
0.5194

■ 53.9041, 60.4794,
51.3774

■ 0.0019, 0.2323,
0.0000

■ 72.5609, 80.9244,
70.4044

■ 0.0000, 0.0000,
0.0000

■ 95.0911, 105.5247,
93.6296

121.8601,

134.6646, 121.4717

153.2333,
168.7286, 154.3493

■ 10.7040, 12.5635,
8.8820

■ 10.7040, 12.5635,
8.8820

■ 9.9781, 12.2284,
7.0976

■ 11.5089, 12.9334,
10.9713

■ 9.3273, 11.9253,
5.6031

■ 12.3948, 13.3378,
13.3780

■ 8.7487, 11.6534,
4.3834

■ 13.3645, 13.7781,
16.1150

■ 8.2386, 11.4113,
3.4214

■ 14.4208, 14.2556,
19.1941

■ 7.7934, 11.1972,
2.6987

■ 15.5659, 14.7711,
22.6265

■ 7.4085, 11.0096,
2.1940

■ 16.8022, 15.3257,
26.4231

■ 7.0748, 10.8446,
1.8610

■ 18.1319, 15.9202,
30.5941

■ 6.9247, 10.7703,
1.7139

■ 19.5572, 16.5557,
35.1494

■ 21.0802, 17.2328,
40.0985

Harmonies

Analogous

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



11.7917, 12.5635, 8.0828



10.7040, 12.5635, 8.8820



9.9873, 12.5635, 10.9551

Triad

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



10.7040, 12.5635, 8.8820



10.9476, 12.5635, 20.5107



14.3979, 12.5635, 13.2540

Complementary

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



10.7040, 12.5635, 8.8820



9.0331, 8.3136, 13.9613

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.



14.1347, 12.5635, 16.8219



10.7040, 12.5635, 8.8820



12.0920, 12.5635, 21.4002

Square

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



10.7040, 12.5635, 8.8820



10.1212, 12.5635, 17.6914



13.2703, 12.5635, 19.9525



13.9673, 12.5635, 10.3252

Rectangle

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



10.7040, 12.5635, 8.8820



9.7891, 12.5635, 12.9693



13.2703, 12.5635, 19.9525



14.3877, 12.5635, 14.4152

Sweetspot

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



10.7043, 12.5640, 8.8823



21.7031, 23.6582, 22.6037



10.3391, 10.2308, 8.4512



5.2478, 5.7505, 5.3858



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.



10.7043, 12.5640, 8.8823



18.4164, 22.1501, 14.0373



9.5013, 11.9439, 8.8260



2.9435, 3.2180, 3.0405



8.6721, 13.5293, 2.1544



44.2318, 70.0483, 11.1894

Inverse Universe

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



9.0331, 8.3136, 13.9613



14.8961, 13.1949, 24.7388



10.3544, 8.9948, 14.0231



2.7831, 2.8102, 3.5277



4.1250, 1.7707, 16.2687



20.5982, 8.7630, 84.8072

Previews

White Background



This preview shows how the XYZ color 10.7040, 12.5635, 8.8820 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 10.7040, 12.5635, 8.8820 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

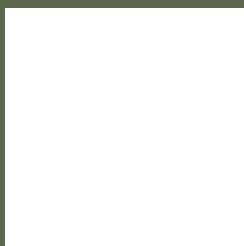
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7040, 12.5635, 8.8820

Background



This preview shows how black text looks on a background with the XYZ color 10.7040, 12.5635, 8.8820.



This preview shows how white text looks on a background with the XYZ color 10.7040, 12.5635,

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

10.7040, 12.5635, 8.8820

Protanopia

11.6757, 12.4959, 8.4532

Deuteranopia

12.7060, 12.4619, 9.1329



Tritanopia

12.0454, 12.5266, 15.6929

Trichromacy



Original Color

10.7040, 12.5635, 8.8820

Protanomaly

11.2285, 12.4028, 8.6397

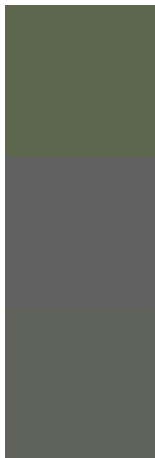
Deuteranomaly

11.9272, 12.4736, 8.9867

Tritanomaly

11.4924, 12.4457, 12.8629

Monochromacy



Original Color

10.7040, 12.5635, 8.8820

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1312, 12.1487, 11.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7040, 12.5635, 8.8820 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, 103, 77) looks like.

```
.text, #text, p{  
    color:rgb(93, 103, 77)  
}
```

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, 103, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 103, 77) }
```

Border

The CSS property to change the border of an element to XYZ 10.7040, 12.5635, 8.8820 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, 103, 77) }
```


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

```
.border{ border-color:rgb(93, 103, 77) }
```

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

Here you see how a box with a 4 pixel rgb(93, 103, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 103, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 103, 77);  
box-shadow:4px 4px 4px 4px rgb(93, 103,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7040, 12.5635, 8.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 103, 77) }
```

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

```
.background{ background-color: rgb(93, 103,  
77) }
```

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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