

Converting Colors

XYZ(10.6740, 13.1403, 10.2667)

Have a look what the booklet for
XYZ(10.6740, 13.1403, 10.2667)
contains.

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Color

**XYZ(10.6957, 13.1339,
10.3589)**

Conversions

Conversions Part 1

Format	Color
Hex	566B54
RGB	86, 107, 84
RGB Percent	34%, 42%, 33%
CMY	0.6627, 0.5804, 0.6706
CMYK	0.20, 0.00, 0.21, 0.58
HSL	115°, 12%, 37%
HSV	115°, 21%, 42%
XYZ	10.6957, 13.1339, 10.3589
YIQ	98.0990, -5.1330, -11.6050

Conversions

Conversions Part 2

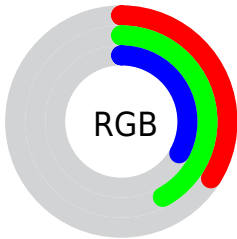
Format	Color
R_{YB}	84, 107, 105
Decimal	5663572
CIE _{Lab}	42.96, -12.76, 10.36
CIE _{LCh}	43, 16.438, 140.930
Yxy	13.1339, 0.3128, 0.3842
Android (android.graphics.Color)	4283853652 (0xFF566B54)
YUV	98.0990, -6.9508, -10.6108
Hunter-Lab	36.2407, -10.7407, 8.4213

Details

The XYZ color **10.6957, 13.1339, 10.3589** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6504, 10.4058, 15.3050**, and the grayscale version is **11.6521, 12.2589, 13.3499**.

A 20% lighter version of the original color is **26.6833, 31.4092, 27.2105**, and **2.8571, 3.8293, 2.5080** is the 20% darker color. If you saturate the color by 10%, you get **9.4694, 12.5469, 8.2785**, and if you desaturate by 10%, it is **12.1097, 13.8111, 12.7830**.

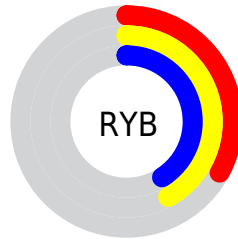
Distribution



Red (34%)

Green (42%)

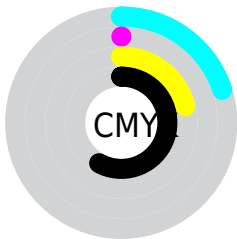
Blue (33%)



Red (33%)

Yellow (42%)

Blue (41%)

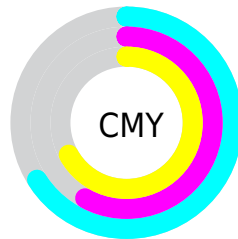


Cyan (20%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6957, 13.1339, 10.3589 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 10.6957, 13.1339, 10.3589 by changing the saturation by 10% instead.

■ 10.6957, 13.1339,
10.3589

■ 10.6957, 13.1339,
10.3589

189.5195,
211.7740, 203.7918

■ 5.9284, 7.5208,
5.5289

■ 26.7340, 31.5441,
27.0867

■ 2.8418, 3.7899,
2.4967

■ 38.7358, 45.1101,
39.8215

■ 1.0707, 1.5567,
0.8384

■ 53.8797, 62.0957,
56.0284

■ 0.0004, 0.3282,
0.0000

■ 72.5312, 82.8856,
76.1258

■ 0.0000, 0.0000,
0.0000

■ 95.0555, 107.8639,
100.5323

121.8181,

137.4152, 129.6664

153.1843,
171.9237, 163.9467

■ 10.6957, 13.1339,
10.3589

■ 10.6957, 13.1339,
10.3589

■ 9.4694, 12.5469,
8.2785

■ 12.1097, 13.8111,
12.7830

■ 8.4220, 12.0446,
6.5253

■ 13.7178, 14.5802,
15.5643

■ 7.5453, 11.6237,
5.0830

■ 15.5274, 15.4451,
18.7169

■ 6.8303, 11.2798,
3.9334

■ 17.5450, 16.4091,
22.2536

■ 6.2671, 11.0083,
3.0565

■ 19.7770, 17.4750,
26.1869

■ 5.8446, 10.8039,
2.4298

■ 22.2295, 18.6457,
30.5284

■ 5.5500, 10.6607,
2.0265

■ 24.9083, 19.9241,
35.2896

■ 5.3744, 10.5759,
1.7581

■ 27.8190, 21.3127,
40.4811

■ 30.9670, 22.8142,
46.1135

Harmonies

Analogous

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



11.6379, 13.1339, 8.7506



10.6957, 13.1339, 10.3589



10.2410, 13.1339, 13.2347

Triad

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



10.6957, 13.1339, 10.3589



12.1054, 13.1339, 22.3028



14.8851, 13.1339, 11.9629

Complementary

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



10.6957, 13.1339, 10.3589



11.6504, 10.4058, 15.3050

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.



15.0313, 13.1339, 15.4222



10.6957, 13.1339, 10.3589



13.3688, 13.1339, 21.8076

Square

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



10.6957, 13.1339, 10.3589



11.0181, 13.1339, 20.3907



14.4599, 13.1339, 19.1334



14.0731, 13.1339, 9.5627

Rectangle

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



10.6957, 13.1339, 10.3589



10.2530, 13.1339, 15.6567



14.4599, 13.1339, 19.1334



15.0158, 13.1339, 13.0252

Sweetspot

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



10.6960, 13.1345, 10.3592



23.1728, 25.4421, 25.4601



12.6853, 13.8086, 10.3845



5.5776, 6.1432, 6.1084



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.6960, 13.1345, 10.3592



17.9605, 22.9475, 16.5222



10.8989, 13.1946, 12.3752



3.0862, 3.4562, 3.3219



6.5240, 12.8584, 2.1381



32.9073, 65.3464, 10.8787

Inverse Universe

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



11.6504, 10.4058, 15.3050



20.0104, 17.0833, 27.1505



11.4293, 10.3449, 12.9006



3.1929, 3.1512, 3.8748



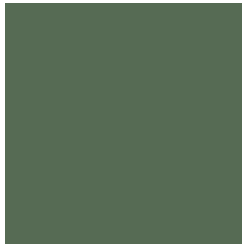
9.3041, 4.4235, 17.2857



47.0414, 22.3504, 88.0609

Previews

White Background



This preview shows how the XYZ color 10.6957, 13.1339, 10.3589 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 10.6957, 13.1339, 10.3589 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

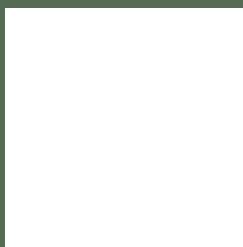
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6957, 13.1339, 10.3589

Background



This preview shows how black text looks on a background with the XYZ color 10.6957, 13.1339, 10.3589.



This preview shows how white text looks on a background with the XYZ color 10.6957, 13.1339,

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

10.6957, 13.1339, 10.3589

Protanopia

12.2023, 13.0272, 9.6560

Deuteranopia

13.1569, 12.9343, 10.6072



Tritanopia

12.0893, 13.0945, 17.2196

Trichromacy



Original Color

10.6957, 13.1339, 10.3589

Protanomaly

11.5188, 12.9623, 9.8775

Deuteranomaly

12.1191, 12.9665, 10.4584

Tritanomaly

11.4684, 12.9838, 14.4720

Monochromacy



Original Color

10.6957, 13.1339, 10.3589

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2456, 12.4774, 12.1716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6957, 13.1339, 10.3589 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(86, 107, 84) looks like.

```
.text, #text, p{  
    color:rgb(86, 107, 84)  
}
```

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(86, 107, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 107, 84) }
```

Border

The CSS property to change the border of an element to XYZ 10.6957, 13.1339, 10.3589 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(86, 107, 84) }
```


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

```
.border{ border-color:rgb(86, 107, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 107, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 107, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 107, 84);  
box-shadow:4px 4px 4px 4px rgb(86, 107,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6957, 13.1339, 10.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 107, 84) }
```

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

```
.background{ background-color: rgb(86, 107,  
84) }
```

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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