

Converting Colors

XYZ(10.6518, 12.1501, 12.1062)

Have a look what the booklet for
XYZ(10.6518, 12.1501, 12.1062)
contains.

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Color

**XYZ(10.6540, 12.1724,
12.1439)**

Conversions

Conversions Part 1

Format	Color
Hex	58655D
RGB	88, 101, 93
RGB Percent	35%, 40%, 36%
CMY	0.6549, 0.6039, 0.6353
CMYK	0.13, 0.00, 0.08, 0.60
HSL	143°, 7%, 37%
HSV	143°, 13%, 40%
XYZ	10.6540, 12.1724, 12.1439
YIQ	96.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

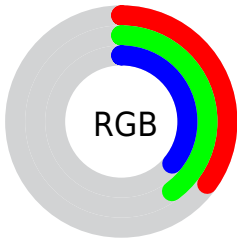
Format	Color
R_{YB}	88, 97, 101
Decimal	5793117
CIE _{Lab}	41.49, -6.72, 2.85
CIE _{LCh}	41, 7.295, 157.025
Yxy	12.1724, 0.3047, 0.3481
Android (android.graphics.Color)	4283983197 (0xFF58655D)
YUV	96.2010, -1.5781, -7.1923
Hunter-Lab	34.8890, -6.5474, 3.7850

Details

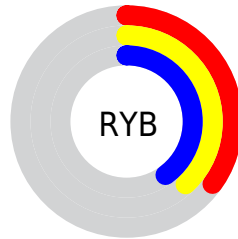
The XYZ color **10.6540, 12.1724, 12.1439** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9684, 10.5910, 12.5332**, and the grayscale version is **11.1719, 11.7537, 12.7998**.

A 20% lighter version of the original color is **26.6674, 29.8429, 30.3413**, and **2.7871, 3.3358, 3.1863** is the 20% darker color. If you saturate the color by 10%, you get **9.4992, 11.6079, 10.7106**, and if you desaturate by 10%, it is **11.9644, 12.8151, 13.7018**.

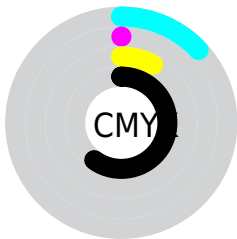
Distribution



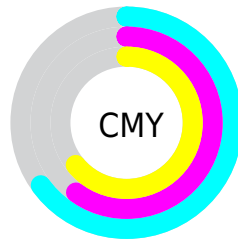
- Red (35%)
- Green (40%)
- Blue (36%)



- Red (35%)
- Yellow (38%)
- Blue (40%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6540, 12.1724, 12.1439 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 10.6540, 12.1724, 12.1439 by changing the saturation by 10% instead.

■ 10.6540, 12.1724,
12.1439

■ 10.6540, 12.1724,
12.1439

189.2359,
205.5433, 216.3672

■ 5.9003, 6.8612,
6.7180

■ 26.6572, 29.8087,
30.4252

■ 2.8246, 3.3754,
3.2106

■ 38.6374, 42.9026,
44.1178

■ 1.0617, 1.3307,
1.2032

■ 53.7571, 59.3595,
61.4029

■ 0.0000, 0.1648,
0.0000

■ 72.3817, 79.5639,
82.6993

■ 0.0000, 0.0000,
0.0000

■ 94.8765, 103.9000,
108.4253

121.6069,

132.7524, 138.9997

152.9382,
166.5053, 174.8408

■ 10.6540, 12.1724,
12.1439

■ 10.6540, 12.1724,
12.1439

■ 9.4992, 11.6079,
10.7106

■ 11.9644, 12.8151,
13.7018

■ 8.4930, 11.1172,
9.3982

■ 13.4349, 13.5375,
15.3865

■ 7.6294, 10.6976,
8.2037

■ 15.0713, 14.3426,
17.2011

■ 6.9016, 10.3455,
7.1238

■ 16.8786, 15.2331,
19.1483

■ 6.3022, 10.0574,
6.1550

■ 18.8617, 16.2114,
21.2309

■ 5.8231, 9.8290,
5.2938

■ 21.0252, 17.2798,
23.4513

■ 5.4552, 9.6557,
4.5362

■ 23.3737, 18.4406,
25.8120

■ 5.1851, 9.5307,
3.8780

■ 25.9114, 19.6961,
28.3156

■ 5.0175, 9.4533,
3.4658

■ 28.6425, 21.0482,
30.9644

Harmonies

Analogous

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



10.9650, 12.1724, 11.0519



10.6540, 12.1724, 12.1439



10.5847, 12.1724, 13.6148

Triad

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



10.6540, 12.1724, 12.1439



11.6949, 12.1724, 16.3755



12.4046, 12.1724, 11.5684

Complementary

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



10.6540, 12.1724, 12.1439



10.9684, 10.5910, 12.5332

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.



12.6136, 12.1724, 12.8990



10.6540, 12.1724, 12.1439



12.1958, 12.1724, 15.7300

Square

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



10.6540, 12.1724, 12.1439



11.1752, 12.1724, 16.1347



12.5360, 12.1724, 14.4291



11.9730, 12.1724, 10.7378

Rectangle

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



10.6540, 12.1724, 12.1439



10.6829, 12.1724, 14.6283



12.5360, 12.1724, 14.4291



12.5038, 12.1724, 11.9679

Sweetspot

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



10.6543, 12.1729, 12.1442



20.2454, 21.8555, 23.1784



11.2412, 12.5002, 11.0531



4.9476, 5.3610, 5.6633



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.



10.6543, 12.1729, 12.1442



17.7600, 20.6375, 20.2007



10.9539, 12.2928, 13.7219



2.8367, 3.1584, 3.2414



6.5593, 12.3873, 4.4407



33.8094, 64.4463, 21.0500

Inverse Universe

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



10.9684, 10.5910, 12.5332



18.3952, 17.4378, 20.9873



10.6819, 10.4765, 11.0248



2.8935, 2.8721, 3.3119



8.1627, 4.0780, 6.2549



42.1360, 21.0944, 30.3233

Previews

White Background



This preview shows how the XYZ color 10.6540, 12.1724, 12.1439 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 10.6540, 12.1724, 12.1439 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

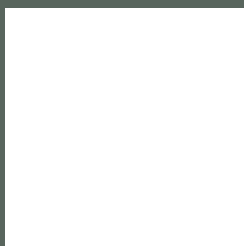
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6540, 12.1724, 12.1439

Background



This preview shows how black text looks on a background with the XYZ color 10.6540, 12.1724, 12.1439.



This preview shows how white text looks on a background with the XYZ color 10.6540, 12.1724,

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

10.6540, 12.1724, 12.1439

Protanopia

11.5299, 12.0714, 11.6199

Deuteranopia

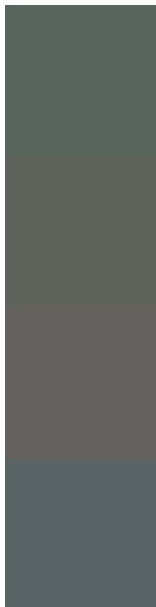
12.2074, 12.0017, 12.2628



Tritanopia

11.3321, 12.1589, 15.6595

Trichromacy



Original Color

10.6540, 12.1724, 12.1439

Protanomaly

11.1233, 11.9949, 11.8542

Deuteranomaly

11.6619, 12.1242, 12.3152

Tritanomaly

11.0753, 12.1975, 14.3410

Monochromacy



Original Color

10.6540, 12.1724, 12.1439

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9474, 11.8887, 12.5442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6540, 12.1724, 12.1439 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(88, 101, 93)` looks like.

```
.text, #text, p{  
    color:rgb(88, 101, 93)  
}
```

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(88, 101, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 101, 93) }
```

Border

The CSS property to change the border of an element to XYZ 10.6540, 12.1724, 12.1439 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(88, 101, 93) }
```


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

```
.border{ border-color:rgb(88, 101, 93) }
```

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

Here you see how a box with a 4 pixel rgb(88, 101, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 101, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 101, 93);  
box-shadow:4px 4px 4px 4px rgb(88, 101,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6540, 12.1724, 12.1439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 101, 93) }
```

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

```
.background{ background-color: rgb(88, 101,  
93) }
```

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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