

Converting Colors

XYZ(10.5233, 10.7514, 5.7584)

Have a look what the booklet for
XYZ(10.5233, 10.7514, 5.7584)
contains.

XYZ(10.5352, 10.7644, 5.7974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.5352, 10.7644,
5.7974)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5A3C
RGB	107, 90, 60
RGB Percent	42%, 35%, 24%
CMY	0.5804, 0.6470, 0.7647
CMYK	0.00, 0.16, 0.44, 0.58
HSL	38°, 28%, 33%
HSV	38°, 44%, 42%
XYZ	10.5352, 10.7644, 5.7974
YIQ	91.6630, 19.7620, -5.7260

Conversions

Conversions Part 2

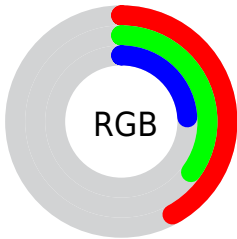
Format	Color
R _Y B	87, 107, 60
Decimal	7035452
CIE Lab	39.18, 2.33, 19.90
CIE LCh	39, 20.035, 83.314
Yxy	10.7644, 0.3888, 0.3973
Android (android.graphics.Color)	4285225532 (0xFF6B5A3C)
YUV	91.6630, -15.6099, 13.4505
Hunter-Lab	32.8091, -0.0987, 12.4898

Details

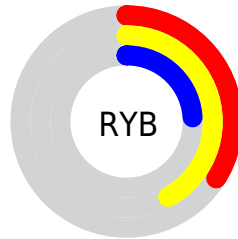
The XYZ color **10.5352, 10.7644, 5.7974** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.1711, 7.3297, 14.9467**, and the grayscale version is **10.1270, 10.6544, 11.6026**.

A 20% lighter version of the original color is **26.3829, 27.2098, 18.0488**, and **2.7845, 2.8168, 0.9272** is the 20% darker color. If you saturate the color by 10%, you get **9.9626, 10.0270, 4.3494**, and if you desaturate by 10%, it is **11.1825, 11.5597, 7.5529**.

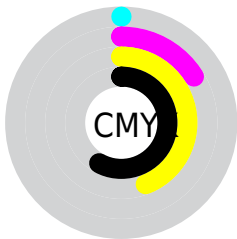
Distribution



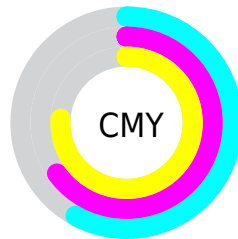
- Red (42%)
- Green (35%)
- Blue (24%)



- Red (34%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (58%)



- Cyan (58%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5352, 10.7644, 5.7974 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 10.5352, 10.7644, 5.7974 by changing the saturation by 10% instead.

■ 10.5352, 10.7644,
5.7974

■ 10.5352, 10.7644,
5.7974

188.4253,
196.0440, 166.4919

■ 5.8202, 5.9086,
2.6555

■ 26.4380, 27.2237,
17.9793

■ 2.7757, 2.7896,
0.9209

■ 38.3566, 39.5960,
27.8563

■ 1.0363, 1.0229,
0.0000

■ 53.4071, 55.2426,
40.8154

■ 0.0000, 0.0000,
0.0000

■ 71.9548, 74.5479,
57.2753

■ 94.3651, 97.8963,
77.6543

■ 121.0034,

125.6722, 102.3710

152.2350,
158.2599, 131.8441

■ 10.5352, 10.7644,
5.7974

■ 10.5352, 10.7644,
5.7974

■ 9.9626, 10.0270,
4.3494

■ 11.1825, 11.5597,
7.5529

■ 9.4603, 9.3441,
3.1899

■ 11.9073, 12.4131,
9.6320

■ 9.0243, 8.7142,
2.2988

■ 12.7129, 13.3269,
12.0506

■ 8.6501, 8.1348,
1.6529

■ 13.6024, 14.3026,
14.8233

■ 8.3304, 7.6028,
1.2151

■ 14.5785, 15.3417,
17.9639

■ 8.1490, 7.2969,
0.9790

■ 15.6440, 16.4457,
21.4852

■ 16.8014, 17.6159,
25.3997

■ 18.0532, 18.8537,
29.7192

■ 19.4017, 20.1604,
34.4550

Harmonies

Analogous

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



11.8549, 10.7644, 6.7291



10.5352, 10.7644, 5.7974



9.2417, 10.7644, 6.1510

Triad

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



10.5352, 10.7644, 5.7974



8.0359, 10.7644, 14.9021



12.4477, 10.7644, 16.7240

Complementary

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



10.5352, 10.7644, 5.7974



7.1711, 7.3297, 14.9467

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.



11.2890, 10.7644, 19.9202



10.5352, 10.7644, 5.7974



8.7631, 10.7644, 18.7176

Square

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



10.5352, 10.7644, 5.7974



7.8722, 10.7644, 10.8795



9.9332, 10.7644, 20.7200



13.0199, 10.7644, 12.6039

Rectangle

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



10.5352, 10.7644, 5.7974



8.5582, 10.7644, 7.1164



9.9332, 10.7644, 20.7200



12.1093, 10.7644, 17.9757

Sweetspot

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



10.5355, 10.7649, 5.7976



22.8490, 23.9581, 21.8381



9.0271, 6.8967, 7.9200



5.4661, 5.7271, 5.0890



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.



10.5355, 10.7649, 5.7976



17.7846, 17.8821, 7.6558



11.4104, 13.5930, 6.2974



3.2456, 3.4085, 3.3043



9.8844, 8.8185, 1.1812



49.5202, 43.2441, 5.7369

Inverse Universe

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



7.1711, 7.3297, 14.9467



10.8901, 10.8497, 26.4279



6.5346, 5.4609, 14.6196



3.0297, 3.1877, 3.8905



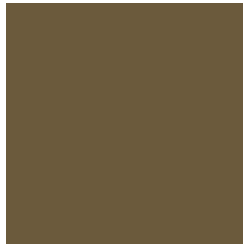
4.0715, 2.9774, 17.2823



19.9843, 13.6472, 87.8071

Previews

White Background



This preview shows how the XYZ color 10.5352, 10.7644, 5.7974 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 10.5352, 10.7644, 5.7974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

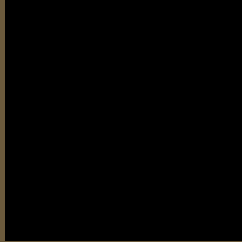
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5352, 10.7644, 5.7974

Background



This preview shows how black text looks on a background with the XYZ color 10.5352, 10.7644, 5.7974.



This preview shows how white text looks on a background with the XYZ color 10.5352, 10.7644,

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

10.5352, 10.7644, 5.7974

Protanopia

9.9250, 10.7005, 5.9572

Deuteranopia

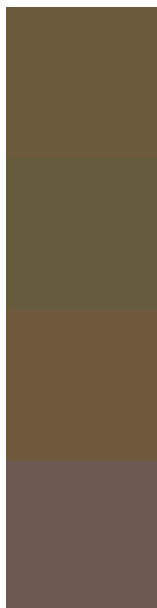
10.8609, 10.6852, 5.7650



Tritanopia

11.7340, 10.7609, 11.8145

Trichromacy



Original Color

10.5352, 10.7644, 5.7974

Protanomaly

10.1769, 10.7027, 5.9443

Deuteranomaly

10.8184, 10.7860, 5.7867

Tritanomaly

11.2001, 10.6617, 9.2522

Monochromacy



Original Color

10.5352, 10.7644, 5.7974

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.1188, 10.6027, 9.1026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5352, 10.7644, 5.7974 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(107, 90, 60)` looks like.

```
.text, #text, p{  
    color:rgb(107, 90, 60)  
}
```

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(107, 90, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 90, 60) }
```

Border

The CSS property to change the border of an element to XYZ 10.5352, 10.7644, 5.7974 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(107, 90, 60) }
```


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

```
.border{ border-color:rgb(107, 90, 60) }
```

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

Here you see how a box with a 4 pixel rgb(107, 90, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 90, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 90, 60);  
box-shadow:4px 4px 4px 4px rgb(107, 90,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5352, 10.7644, 5.7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 90, 60) }
```

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

```
.background{ background-color: rgb(107, 90,  
60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor