

Converting Colors

XYZ(10.5653, 14.4980, 6.7898)

Have a look what the booklet for
XYZ(10.5653, 14.4980, 6.7898)
contains.

XYZ(10.5675, 14.4483, 6.7893)	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(10.5675, 14.4483,
6.7893)**

Conversions

Conversions Part 1

Format	Color
Hex	53733E
RGB	83, 115, 62
RGB Percent	33%, 45%, 24%
CMY	0.6745, 0.5490, 0.7569
CMYK	0.28, 0.00, 0.46, 0.55
HSL	96°, 30%, 35%
HSV	96°, 46%, 45%
XYZ	10.5675, 14.4483, 6.7893
YIQ	99.3900, -2.0590, -23.2670

Conversions

Conversions Part 2

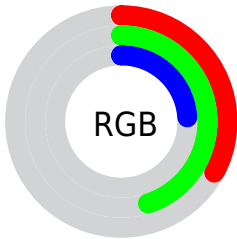
Format	Color
RYB	62, 115, 94
Decimal	5468990
CIELab	44.87, -21.94, 25.64
CIELCh	45, 33.745, 130.556
Yxy	14.4483, 0.3323, 0.4543
Android (android.graphics.Color)	4283659070 (0xFF53733E)
YUV	99.3900, -18.4333, -14.3740
Hunter-Lab	38.0109, -16.8939, 16.0176

Details

The XYZ color **10.5675, 14.4483, 6.7893** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.4340, 7.0633, 17.0866**, and the grayscale version is **12.0041, 12.6292, 13.7532**.

A 20% lighter version of the original color is **26.5195, 33.8535, 20.1756**, and **2.8015, 4.4121, 1.2343** is the 20% darker color. If you saturate the color by 10%, you get **9.7026, 14.0355, 5.2724**, and if you desaturate by 10%, it is **11.5614, 14.9207, 8.6616**.

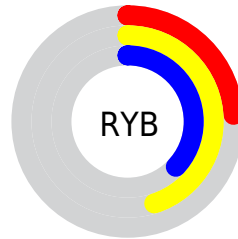
Distribution



Red (33%)

Green (45%)

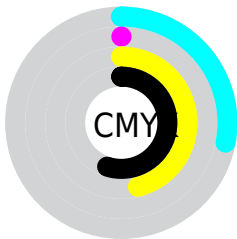
Blue (24%)



Red (24%)

Yellow (45%)

Blue (37%)

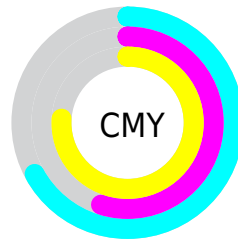


Cyan (28%)

Magenta (0%)

Yellow (46%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5675, 14.4483, 6.7893 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 10.5675, 14.4483, 6.7893 by changing the saturation by 10% instead.

■ 10.5675, 14.4483,
6.7893

■ 10.5675, 14.4483,
6.7893

188.6460,
220.0022, 175.4653

■ 5.8420, 8.4331,
3.2542

■ 26.4977, 33.8824,
20.0537

■ 2.7890, 4.3733,
1.2259

■ 38.4330, 48.0701,
30.6201

■ 1.0432, 1.8845,
0.0000

■ 53.5023, 65.7507,
44.3673

■ 0.0000, 0.5390,
0.0000

■ 72.0710, 87.3087,
61.7139

■ 0.0000, 0.0000,
0.0000

■ 94.5043, 113.1285,
83.0785

■ 121.1677,

143.5944, 108.8796

152.4265,
179.0908, 139.5356

■ 10.5675, 14.4483,
6.7893

■ 10.5675, 14.4483,
6.7893

■ 9.7026, 14.0355,
5.2724

■ 11.5614, 14.9207,
8.6616

■ 8.9594, 13.6779,
4.0874

■ 12.6887, 15.4533,
10.9088

■ 8.3318, 13.3731,
3.2097

■ 13.9550, 16.0490,
13.5503

■ 7.8124, 13.1181,
2.6105

■ 15.3654, 16.7099,
16.6037

■ 7.3878, 12.9072,
2.2312

■ 16.9244, 17.4381,
20.0855

■ 7.2381, 12.8328,
2.0955

■ 18.6366, 18.2357,
24.0115

■ 20.5061, 19.1043,
28.3966

■ 22.5370, 20.0459,
33.2550

■ 24.7334, 21.0621,
38.6003

Harmonies

Analogous

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



12.7846, 14.4483, 5.0321



10.5675, 14.4483, 6.7893



9.3176, 14.4483, 11.2015

Triad

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



10.5675, 14.4483, 6.7893



12.0432, 14.4483, 34.8191



19.6282, 14.4483, 13.1122

Complementary

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



10.5675, 14.4483, 6.7893



9.4340, 7.0633, 17.0866

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.



19.3598, 14.4483, 21.3434



10.5675, 14.4483, 6.7893



14.7265, 14.4483, 35.8630

Square

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



10.5675, 14.4483, 6.7893



10.0874, 14.4483, 27.8053



17.4741, 14.4483, 30.3076



18.1648, 14.4483, 7.7839

Rectangle

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



10.5675, 14.4483, 6.7893



9.0864, 14.4483, 15.8795



17.4741, 14.4483, 30.3076



19.7419, 14.4483, 15.5849

Sweetspot

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



10.5679, 14.4489, 6.7896



25.4034, 28.9323, 25.1496



11.9253, 11.9632, 6.2383



5.9594, 6.8548, 5.7845



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.5679, 14.4489, 6.7896



17.3220, 25.1074, 9.3546



9.1400, 13.6952, 7.5195



3.7652, 4.1624, 3.9473



8.2510, 14.6579, 2.3944



39.3007, 70.9620, 11.6257

Inverse Universe

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



9.4340, 7.0633, 17.0866



15.0166, 10.1432, 30.2109



11.5916, 8.2098, 15.6408



3.6929, 3.6890, 4.6076



6.3546, 2.8673, 18.7611



29.9827, 13.4651, 91.3791

Previews

White Background



This preview shows how the XYZ color 10.5675, 14.4483, 6.7893 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 10.5675, 14.4483, 6.7893 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 10.5675, 14.4483, 6.7893

Background



This preview shows how black text looks on a background with the XYZ color 10.5675, 14.4483, 6.7893.



This preview shows how white text looks on a background with the XYZ color 10.5675, 14.4483,

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

10.5675, 14.4483, 6.7893

Protanopia

13.1459, 14.3368, 6.2121

Deuteranopia

14.5099, 14.2782, 6.9922



Tritanopia

13.0932, 14.4969, 18.9377

Trichromacy



Original Color

10.5675, 14.4483, 6.7893

Protanomaly

11.9932, 14.2066, 6.3850

Deuteranomaly

12.7615, 14.1230, 6.9039

Tritanomaly

11.9619, 14.3558, 13.4497

Monochromacy



Original Color

10.5675, 14.4483, 6.7893

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.2455, 13.1022, 10.7404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5675, 14.4483, 6.7893 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(83, 115, 62)` looks like.

```
.text, #text, p{  
    color:rgb(83, 115, 62)  
}
```

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(83, 115, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 115, 62) }
```

Border

The CSS property to change the border of an element to XYZ 10.5675, 14.4483, 6.7893 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(83, 115, 62) }
```


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

```
.border{ border-color:rgb(83, 115, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 115, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 115, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 115, 62);  
box-shadow:4px 4px 4px 4px rgb(83, 115,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5675, 14.4483, 6.7893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 115, 62) }
```

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

```
.background{ background-color: rgb(83, 115,  
62) }
```

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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