

Converting Colors

XYZ(7.6798, 10.4944, 5.6238)

Have a look what the booklet for
XYZ(7.6798, 10.4944, 5.6238)
contains.

XYZ(7.6798, 10.4944, 5.6238)	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(7.6798, 10.4944,
5.6238)**

Conversions

Conversions Part 1

Format	Color
Hex	45633A
RGB	69, 99, 58
RGB Percent	27%, 39%, 23%
CMY	0.7294, 0.6118, 0.7725
CMYK	0.30, 0.00, 0.41, 0.61
HSL	104°, 26%, 31%
HSV	104°, 41%, 39%
XYZ	7.6798, 10.4944, 5.6238
YIQ	85.3560, -4.7190, -19.1110

Conversions

Conversions Part 2

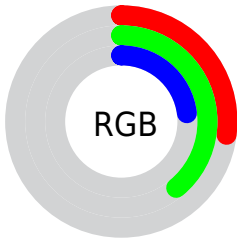
Format	Color
RYB	58, 99, 88
Decimal	4547386
CIELab	38.72, -19.68, 19.85
CIELCh	39, 27.958, 134.752
Yxy	10.4944, 0.3227, 0.4410
Android (android.graphics.Color)	4282737466 (0xFF45633A)
YUV	85.3560, -13.4865, -14.3442
Hunter-Lab	32.3951, -14.3749, 12.3838

Details

The XYZ color **7.6798, 10.4944, 5.6238** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.7902, 6.0020, 12.5529**, and the grayscale version is **8.7377, 9.1928, 10.0109**.

A 20% lighter version of the original color is **20.9791, 26.7049, 17.6845**, and **1.6676, 2.6726, 0.8799** is the 20% darker color. If you saturate the color by 10%, you get **6.9690, 10.1546, 4.3999**, and if you desaturate by 10%, it is **8.5024, 10.8868, 7.1063**.

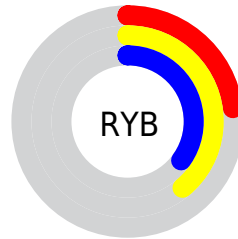
Distribution



Red (27%)

Green (39%)

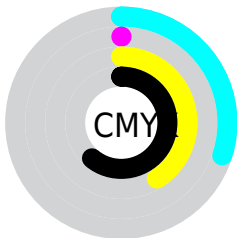
Blue (23%)



Red (23%)

Yellow (39%)

Blue (35%)

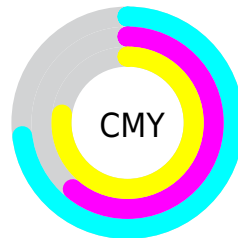


Cyan (30%)

Magenta (0%)

Yellow (41%)

Black (61%)



Cyan (73%)


Magenta (61%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.6798, 10.4944, 5.6238 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 7.6798, 10.4944, 5.6238 by changing the saturation by 10% instead.

 7.6798, 10.4944,
5.6238


 7.6798, 10.4944,
5.6238


167.6231,
194.1652, 164.8528


 3.9408, 5.7280,
2.5526

 21.0198, 26.7214,
17.6089


 1.6687, 2.6804,
0.8679


 31.3515, 38.9507,
27.3599

 0.4366, 0.9672,
0.0000

 44.6115, 54.4364,
40.1747

 0.0000, 0.0000,
0.0000

 61.1651, 73.5630,
56.4716

 81.3777, 96.7147,
76.6694

 105.6147,

124.2761, 101.1865

134.2414,
156.6314, 130.4414

■ 7.6798, 10.4944,
5.6238

■ 7.6798, 10.4944,
5.6238

■ 6.9690, 10.1546,
4.3999

■ 8.5024, 10.8868,
7.1063

■ 6.3641, 9.8639,
3.4192

■ 9.4407, 11.3327,
8.8603

■ 5.8599, 9.6201,
2.6656


■ 10.4993, 11.8344,
10.8987


■ 5.4505, 9.4207,
2.1207


■ 11.6825, 12.3939,
13.2335

■ 5.1288, 9.2625,
1.7616


■ 12.9942, 13.0130,
15.8757

 4.9025, 9.1512,
1.5080

 14.4383, 13.6934,
18.8360

 16.0182, 14.4368,
22.1245

 17.7377, 15.2447,
25.7509

 19.6000, 16.1187,
29.7244

Harmonies

Analogous

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



9.0983, 10.4944, 4.1488



7.6798, 10.4944, 5.6238



6.9287, 10.4944, 8.9576

Triad

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



7.6798, 10.4944, 5.6238



9.0704, 10.4944, 24.2979



13.8133, 10.4944, 9.0300

Complementary

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



7.6798, 10.4944, 5.6238



7.7902, 6.0020, 12.5529

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.



13.8034, 10.4944, 14.3122



7.6798, 10.4944, 5.6238



10.9054, 10.4944, 24.3356

Square

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



7.6798, 10.4944, 5.6238



7.6616, 10.4944, 20.1753



12.6863, 10.4944, 20.2664



12.7118, 10.4944, 5.6627

Rectangle

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



7.6798, 10.4944, 5.6238



6.8407, 10.4944, 12.2890



12.6863, 10.4944, 20.2664



13.9438, 10.4944, 10.6055

Sweetspot

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



7.6801, 10.4949, 5.6240



17.8329, 20.2164, 18.3500



9.3491, 9.8372, 5.4091



4.2046, 4.7891, 4.2953



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



7.6801, 10.4949, 5.6240



11.9531, 17.4183, 7.5454



7.2167, 10.2276, 6.8858



2.6007, 2.8855, 2.7640



6.3546, 11.9100, 1.9639



33.2059, 63.2439, 10.4572

Inverse Universe

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



7.7902, 6.0020, 12.5529



12.1628, 8.5246, 21.2543



8.5095, 6.4192, 10.4899



2.6081, 2.5971, 3.2091



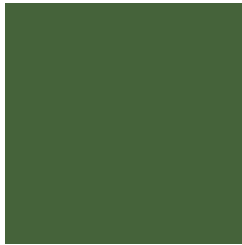
6.4242, 2.9727, 15.6229



33.4521, 15.4334, 83.4204

Previews

White Background



This preview shows how the XYZ color 7.6798, 10.4944, 5.6238 looks on a white background.

Color Contrast Check

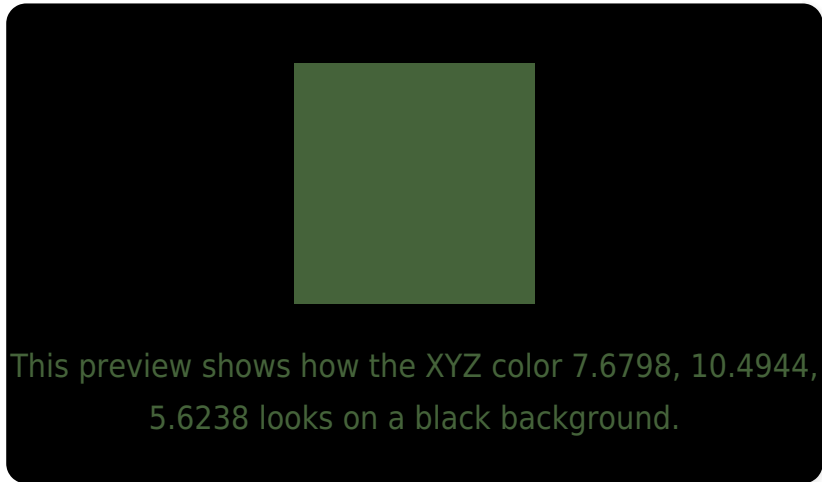
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 7.6798, 10.4944, 5.6238

Background



This preview shows how black text looks on a background with the XYZ color 7.6798, 10.4944, 5.6238.



This preview shows how white text looks on a background with the XYZ color 7.6798, 10.4944,

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

7.6798, 10.4944, 5.6238

Protanopia

9.5763, 10.4107, 5.1192

Deuteranopia

10.5572, 10.4045, 5.8667



Tritanopia

9.3322, 10.4815, 13.8432

Trichromacy



Original Color

7.6798, 10.4944, 5.6238

Protanomaly

8.7410, 10.3656, 5.2814

Deuteranomaly

9.1728, 10.1881, 5.7580

Tritanomaly

8.5702, 10.4381, 10.1574

Monochromacy



Original Color

7.6798, 10.4944, 5.6238

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.1506, 9.4826, 8.0574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.6798, 10.4944, 5.6238 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(69, 99, 58)` looks like.

```
.text, #text, p{  
    color:rgb(69, 99, 58)  
}
```

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(69, 99, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 99, 58) }
```

Border

The CSS property to change the border of an element to XYZ 7.6798, 10.4944, 5.6238 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(69, 99, 58) }
```


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

```
.border{ border-color:rgb(69, 99, 58) }
```

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

Here you see how a box with a 4 pixel rgb(69, 99, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 99, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 99, 58);  
box-shadow:4px 4px 4px 4px rgb(69, 99, 58)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.6798, 10.4944, 5.6238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 99, 58) }
```

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

```
.background{ background-color: rgb(69, 99,  
58) }
```

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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