

Converting Colors

XYZ(11.4605, 14.9475, 9.8189)

Have a look what the booklet for
XYZ(11.4605, 14.9475, 9.8189)
contains.

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Color

**XYZ(11.5311, 15.0484,
9.8863)**

Conversions

Conversions Part 1

Format	Color
Hex	567450
RGB	86, 116, 80
RGB Percent	34%, 45%, 31%
CMY	0.6627, 0.5451, 0.6863
CMYK	0.26, 0.00, 0.31, 0.55
HSL	110°, 18%, 38%
HSV	110°, 31%, 45%
XYZ	11.5311, 15.0484, 9.8863
YIQ	102.9260, -6.3240, -17.5560

Conversions

Conversions Part 2

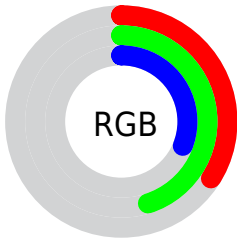
Format	Color
R_{YB}	80, 116, 110
Decimal	5665872
CIE _{Lab}	45.70, -18.43, 16.49
CIE _{LCh}	46, 24.727, 138.180
Yxy	15.0484, 0.3162, 0.4127
Android (android.graphics.Color)	4283855952 (0xFF567450)
YUV	102.9260, -11.3025, -14.8441
Hunter-Lab	38.7923, -14.8269, 12.0444

Details

The XYZ color **11.5311, 15.0484, 9.8863** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.4521, 10.3137, 17.8582**, and the grayscale version is **12.9030, 13.5750, 14.7831**.

A 20% lighter version of the original color is **28.2816, 34.9086, 26.0163**, and **3.2072, 4.6869, 2.3257** is the 20% darker color. If you saturate the color by 10%, you get **10.3084, 14.4638, 7.7817**, and if you desaturate by 10%, it is **12.9490, 15.7259, 12.3870**.

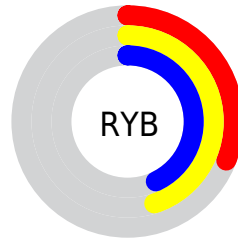
Distribution



Red (34%)

Green (45%)

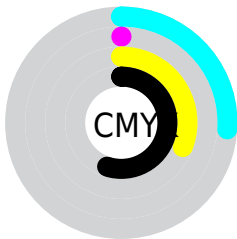
Blue (31%)



Red (31%)

Yellow (45%)

Blue (43%)

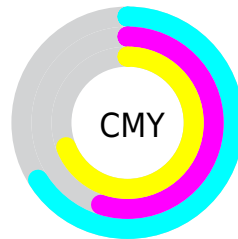


Cyan (26%)

Magenta (0%)

Yellow (31%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5311, 15.0484, 9.8863 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 11.5311, 15.0484, 9.8863 by changing the saturation by 10% instead.

■ 11.5311, 15.0484,
9.8863

■ 11.5311, 15.0484,
9.8863

195.1098,
223.6590, 200.3139

■ 6.4952, 8.8534,
5.2190

■ 28.2625, 34.9381,
26.1859

■ 3.1919, 4.6457,
2.3154

■ 40.6887, 49.4015,
38.6553

■ 1.2561, 2.0409,
0.7398

■ 56.3090, 67.3898,
54.5624

■ 0.1500, 0.6311,
0.0000

■ 75.4888, 89.2874,
74.3259

■ 0.0000, 0.0000,
0.0000

■ 98.5934, 115.4788,
98.3643

125.9882,

146.3482, 127.0960

158.0386,
182.2802, 160.9397

■ 11.5311, 15.0484,
9.8863

■ 11.5311, 15.0484,
9.8863

■ 10.3084, 14.4638,
7.7817

■ 12.9490, 15.7259,
12.3870

■ 9.2711, 13.9663,
6.0520

■ 14.5691, 16.4983,
15.3017

■ 8.4105, 13.5522,
4.6755

■ 16.3993, 17.3696,
18.6483

■ 7.7163, 13.2168,
3.6277

■ 18.4468, 18.3433,
22.4434

■ 7.1775, 12.9550,
2.8813

■ 20.7186, 19.4225,
26.7026

■ 6.7815, 12.7610,
2.4044

■ 23.2210, 20.6103,
31.4410

■ 6.5207, 12.6332,
2.0948

■ 25.9605, 21.9096,
36.6729

■ 28.9431, 23.3232,
42.4118

■ 32.1746, 24.8539,
48.6710

Harmonies

Analogous

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



13.0940, 15.0484, 7.7505



11.5311, 15.0484, 9.8863



10.7427, 15.0484, 14.1544

Triad

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



11.5311, 15.0484, 9.8863



13.5013, 15.0484, 30.3061



18.4382, 15.0484, 13.0725

Complementary

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



11.5311, 15.0484, 9.8863



12.4521, 10.3137, 17.8582

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.



18.5742, 15.0484, 18.8388



11.5311, 15.0484, 9.8863



15.5843, 15.0484, 29.8144

Square

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



11.5311, 15.0484, 9.8863



11.8043, 15.0484, 26.4604



17.4870, 15.0484, 25.2457



17.1316, 15.0484, 9.2600

Rectangle

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



11.5311, 15.0484, 9.8863



10.7063, 15.0484, 18.0652



17.4870, 15.0484, 25.2457



18.6266, 15.0484, 14.8126

Sweetspot

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



11.5315, 15.0490, 9.8866



26.1623, 29.2634, 27.9024



14.2270, 15.4448, 9.8209



6.1540, 6.9395, 6.4976



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.



11.5315, 15.0490, 9.8866



18.7499, 25.7255, 14.7522



11.4859, 14.9696, 12.4097



3.6923, 4.1248, 3.9439



7.3054, 14.1704, 2.3501



35.0948, 68.7938, 11.4289

Inverse Universe

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



12.4521, 10.3137, 17.8582



20.6282, 16.0400, 31.0533



12.5704, 10.4502, 14.4518



3.7696, 3.7286, 4.6112



9.0176, 4.2401, 18.8857



43.3246, 20.3431, 92.0034

Previews

White Background



This preview shows how the XYZ color 11.5311, 15.0484, 9.8863 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 11.5311, 15.0484, 9.8863 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 11.5311, 15.0484, 9.8863

Background



This preview shows how black text looks on a background with the XYZ color 11.5311, 15.0484, 9.8863.



This preview shows how white text looks on a background with the XYZ color 11.5311, 15.0484,

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

11.5311, 15.0484, 9.8863

Protanopia

13.8695, 14.9599, 8.9940

Deuteranopia

15.1640, 14.8371, 10.2482



Tritanopia

13.5888, 15.0521, 19.9584

Trichromacy



Original Color

11.5311, 15.0484, 9.8863

Protanomaly

12.8497, 14.9080, 9.2215

Deuteranomaly

13.5676, 14.7791, 10.1202

Tritanomaly

12.6714, 15.0038, 15.5928

Monochromacy



Original Color

11.5311, 15.0484, 9.8863

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.3579, 14.0927, 12.8953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5311, 15.0484, 9.8863 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, 116, 80) looks like.

```
.text, #text, p{  
    color:rgb(86, 116, 80)  
}
```

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, 116, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 116, 80) }
```

Border

The CSS property to change the border of an element to XYZ 11.5311, 15.0484, 9.8863 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, 116, 80) }
```


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

```
.border{ border-color:rgb(86, 116, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 116, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 116, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 116, 80);  
box-shadow:4px 4px 4px 4px rgb(86, 116,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5311, 15.0484, 9.8863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 116, 80) }
```

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

```
.background{ background-color: rgb(86, 116,  
80) }
```

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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