

Converting Colors

XYZ(11.0692, 15.6770, 10.6245)

Have a look what the booklet for
XYZ(11.0692, 15.6770, 10.6245)
contains.

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Color

**XYZ(11.0712, 15.6770,
10.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	487953
RGB	72, 121, 83
RGB Percent	28%, 47%, 33%
CMY	0.7176, 0.5255, 0.6745
CMYK	0.40, 0.00, 0.31, 0.53
HSL	133°, 25%, 38%
HSV	133°, 40%, 47%
XYZ	11.0712, 15.6770, 10.6261
YIQ	102.0170, -17.0060, -22.2060

Conversions

Conversions Part 2

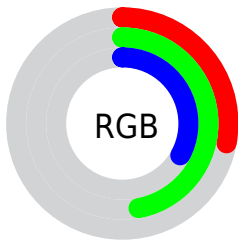
Format	Color
R_{YB}	72, 112, 121
Decimal	4749651
CIE _{Lab}	46.55, -25.42, 15.76
CIE _{LCh}	47, 29.906, 148.197
Yxy	15.6770, 0.2962, 0.4195
Android (android.graphics.Color)	4282939731 (0xFF487953)
YUV	102.0170, -9.3754, -26.3249
Hunter-Lab	39.5942, -19.3782, 11.8040

Details

The XYZ color **11.0712, 15.6770, 10.6261** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.0175, 9.8258, 15.9629**, and the grayscale version is **12.6610, 13.3204, 14.5059**.

A 20% lighter version of the original color is **27.5381, 36.1765, 27.7217**, and **3.0206, 4.9568, 2.6313** is the 20% darker color. If you saturate the color by 10%, you get **9.9183, 15.1222, 8.8073**, and if you desaturate by 10%, it is **12.4515, 16.3443, 12.7122**.

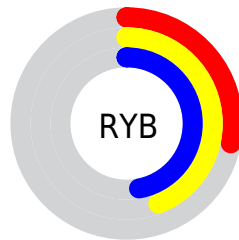
Distribution



Red (28%)

Green (47%)

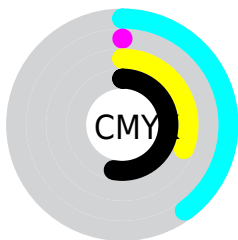
Blue (33%)



Red (28%)

Yellow (44%)

Blue (47%)

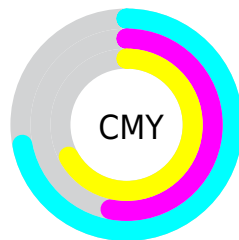


Cyan (40%)

Magenta (0%)

Yellow (31%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0712, 15.6770, 10.6261 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 11.0712, 15.6770, 10.6261 by changing the saturation by 10% instead.

■ 11.0712, 15.6770,
10.6261

■ 11.0712, 15.6770,
10.6261

192.0536,
227.4281, 205.7286

■ 6.1824, 9.2959,
5.7050

■ 27.4235, 36.0365,
27.5927

■ 2.9980, 4.9347,
2.6007

■ 39.6178, 50.7838,
40.4752

■ 1.1527, 2.2090,
0.8928

■ 54.9779, 69.0885,
56.8487

■ 0.0685, 0.7249,
0.0000

■ 73.8692, 91.3351,
77.1316

■ 0.0000, 0.0000,
0.0000

■ 96.6570, 117.9079,
101.7425

123.7068,

149.1915, 131.1000

155.3839,
185.5701, 165.6225

■ 11.0712, 15.6770,
10.6261

■ 11.0712, 15.6770,
10.6261

■ 9.9183, 15.1222,
8.8073

■ 12.4515, 16.3443,
12.7122

■ 8.9793, 14.6717,
7.2441

■ 14.0696, 17.1278,
15.0749

■ 8.2408, 14.3194,
5.9252


■ 15.9364, 18.0335,
17.7240


■ 7.6876, 14.0577,
4.8382


■ 18.0621, 19.0663,
20.6687


■ 7.3021, 13.8778,
3.9695


■ 20.4560, 20.2310,
23.9179

 7.0374, 13.7552,
3.3310

 23.1272, 21.5320,
27.4800

 26.0843, 22.9735,
31.3629

 29.3353, 24.5597,
35.5746

 32.8883, 26.2943,
40.1224

Harmonies

Analogous

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



12.6782, 15.6770, 7.3636



11.0712, 15.6770, 10.6261



10.4736, 15.6770, 16.6266

Triad

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



11.0712, 15.6770, 10.6261



14.7450, 15.6770, 35.5613



19.7118, 15.6770, 11.2004

Complementary

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



11.0712, 15.6770, 10.6261



13.0175, 9.8258, 15.9629

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.



20.4264, 15.6770, 17.5204



11.0712, 15.6770, 10.6261



17.3684, 15.6770, 32.8935

Square

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



11.0712, 15.6770, 10.6261



12.4371, 15.6770, 32.2063



19.5244, 15.6770, 25.7006



17.6694, 15.6770, 7.6216

Rectangle

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



11.0712, 15.6770, 10.6261



10.6689, 15.6770, 21.8994



19.5244, 15.6770, 25.7006



20.1249, 15.6770, 13.0078

Sweetspot

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



11.0716, 15.6777, 10.6265



27.9001, 31.9828, 30.8434



14.4859, 17.4830, 8.7421



6.3026, 7.2756, 6.9442



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.0716, 15.6777, 10.6265



17.8114, 27.1032, 15.8535



12.1703, 16.1171, 16.4122



3.9843, 4.4634, 4.4514



7.5375, 14.7387, 3.5494



35.6823, 70.1959, 15.4969

Inverse Universe

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



13.0175, 9.8258, 15.9629



21.8214, 15.0238, 26.8356



11.8780, 9.3700, 9.9623



4.1178, 4.0629, 4.8181



10.6031, 5.2174, 11.7329



50.2464, 24.7549, 54.2211

Previews

White Background



This preview shows how the XYZ color 11.0712, 15.6770, 10.6261 looks on a white background.

Color Contrast Check

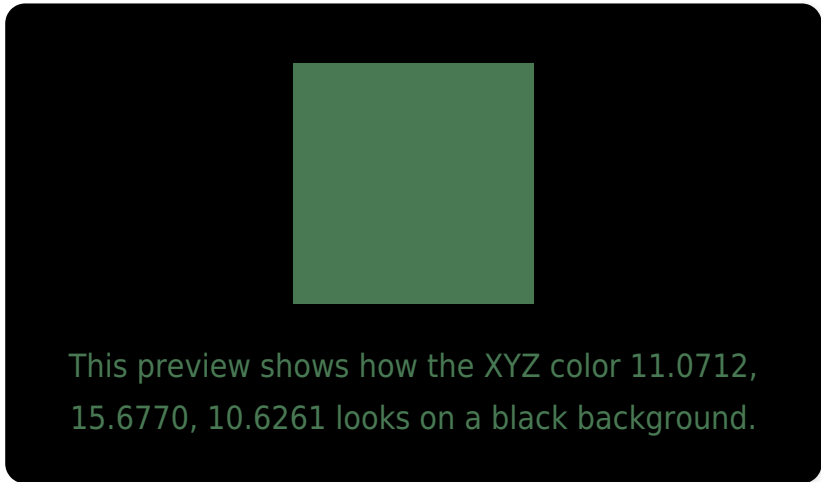
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0712, 15.6770, 10.6261

Background



This preview shows how black text looks on a background with the XYZ color 11.0712, 15.6770, 10.6261.



This preview shows how white text looks on a background with the XYZ color 11.0712, 15.6770,

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

11.0712, 15.6770, 10.6261

Protanopia

14.4223, 15.5535, 9.4497

Deuteranopia

15.6334, 15.3642, 10.9457



Tritanopia

13.3404, 15.7208, 21.7333

Trichromacy



Original Color

11.0712, 15.6770, 10.6261

Protanomaly

12.8321, 15.3805, 9.8818

Deuteranomaly

13.5085, 15.2129, 10.8187

Tritanomaly

12.4348, 15.7024, 17.1273

Monochromacy



Original Color

11.0712, 15.6770, 10.6261

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.8486, 13.9876, 12.9019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0712, 15.6770, 10.6261 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(72, 121, 83)` looks like.

```
.text, #text, p{  
    color:rgb(72, 121, 83)  
}
```

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(72, 121, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 121, 83) }
```

Border

The CSS property to change the border of an element to XYZ 11.0712, 15.6770, 10.6261 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(72, 121, 83) }
```


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

```
.border{ border-color:rgb(72, 121, 83) }
```

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

Here you see how a box with a 4 pixel rgb(72, 121, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 121, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 121, 83);  
box-shadow:4px 4px 4px 4px rgb(72, 121,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0712, 15.6770, 10.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 121, 83) }
```

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

```
.background{ background-color: rgb(72, 121,  
83) }
```

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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