

Converting Colors

XYZ(18.0290, 19.0754, 11.3260)

Have a look what the booklet for
XYZ(18.0290, 19.0754, 11.3260)
contains.

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Color

**XYZ(18.0290, 19.0754,
11.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	857855
RGB	133, 120, 85
RGB Percent	52%, 47%, 33%
CMY	0.4784, 0.5294, 0.6667
CMYK	0.00, 0.10, 0.36, 0.48
HSL	44°, 22%, 43%
HSV	44°, 36%, 52%
XYZ	18.0290, 19.0754, 11.3260
YIQ	119.8970, 18.9830, -8.1290

Conversions

Conversions Part 2

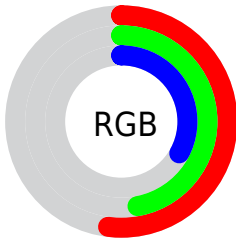
Format	Color
R_{YB}	103, 133, 85
Decimal	8747093
CIE _{Lab}	50.78, -0.54, 21.07
CIE _{LCh}	51, 21.077, 91.464
Yxy	19.0754, 0.3723, 0.3939
Android (android.graphics.Color)	4286937173 (0xFF857855)
YUV	119.8970, -17.2042, 11.4913
Hunter-Lab	43.6754, -2.7480, 15.1976

Details

The XYZ color **18.0290, 19.0754, 11.3260** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.3474, 12.3596, 23.9250**, and the grayscale version is **17.8691, 18.7997, 20.4728**.

A 20% lighter version of the original color is **39.6192, 41.8191, 28.9054**, and **6.1632, 6.5751, 2.8637** is the 20% darker color. If you saturate the color by 10%, you get **17.1247, 18.0344, 8.6583**, and if you desaturate by 10%, it is **19.0499, 20.1905, 14.5231**.

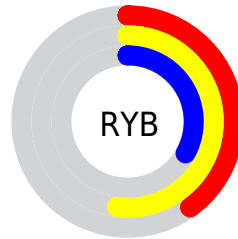
Distribution



Red (52%)

Green (47%)

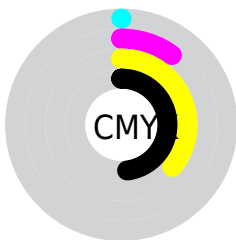
Blue (33%)



Red (40%)

Yellow (52%)

Blue (33%)

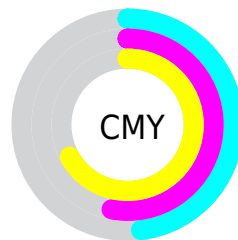


Cyan (0%)

Magenta (10%)

Yellow (36%)

Black (48%)



Cyan (48%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0290, 19.0754, 11.3260 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 18.0290, 19.0754, 11.3260 by changing the saturation by 10% instead.

■ 18.0290, 19.0754,
11.3260

■ 18.0290, 19.0754,
11.3260

234.0769,
246.8647, 210.7077

■ 11.0706, 11.7248,
6.1696

■ 39.6164, 41.8615,
28.9072

■ 6.1820, 6.5566,
2.8780

■ 54.9762, 58.0657,
42.1692

■ 2.9978, 3.1864,
1.0327

■ 73.8671, 77.9899,
58.9701

■ 1.1526, 1.2298,
0.0000

■ 96.6546, 102.0185,
79.7285

■ 0.0684, 0.0858,
0.0000

■ 123.7040,
130.5359, 104.8629

■ 0.0000, 0.0000,
0.0000

155.3805,

163.9265, 134.7919

192.0497,
202.5746, 169.9340

■ 18.0290, 19.0754,
11.3260

■ 18.0290, 19.0754,
11.3260

■ 17.1247, 18.0344,
8.6583

■ 19.0499, 20.1905,
14.5231

■ 16.3298, 17.0622,
6.4894

■ 20.1913, 21.3795,
18.2755

■ 15.6385, 16.1569,
4.7872

■ 21.4586, 22.6454,
22.6089

■ 15.0437, 15.3155,
3.5157

■ 22.8564, 23.9905,
27.5471

■ 14.5374, 14.5343,
2.6332

■ 24.3893, 25.4167,
33.1124

■ 14.1063, 13.8079,
2.0711

■ 26.0613, 26.9260,
39.3260

■ 13.9465, 13.5339,
1.8773

■ 27.8765, 28.5203,
46.2083

■ 29.8387, 30.2012,
53.7786

■ 31.9516, 31.9707,
62.0554

Harmonies

Analogous

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



20.1007, 19.0754, 12.2737



18.0290, 19.0754, 11.3260



16.1300, 19.0754, 12.4802

Triad

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



18.0290, 19.0754, 11.3260



14.9409, 19.0754, 27.3112



21.8598, 19.0754, 26.7097

Complementary

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



18.0290, 19.0754, 11.3260



12.3474, 12.3596, 23.9250

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.



20.2901, 19.0754, 32.0984



18.0290, 19.0754, 11.3260



16.2936, 19.0754, 32.4896

Square

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



18.0290, 19.0754, 11.3260



14.4332, 19.0754, 21.0627



18.2326, 19.0754, 34.3878



22.4110, 19.0754, 20.4797

Rectangle

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



18.0290, 19.0754, 11.3260



15.1900, 19.0754, 14.4429



18.2326, 19.0754, 34.3878



21.4281, 19.0754, 28.7180

Sweetspot

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



18.0295, 19.0763, 11.3264



37.2283, 39.3662, 36.3507



15.1545, 12.3769, 13.2948



8.3304, 8.8119, 7.9957



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.0295, 19.0763, 11.3264



30.9925, 32.6796, 16.4381



18.1385, 21.6124, 11.8102



4.9359, 5.2155, 4.9759



13.2913, 12.9051, 1.7904



0.0521, 0.0568, 0.0082

Inverse Universe

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



12.3474, 12.3596, 23.9250



19.3094, 18.8760, 42.3641



12.2433, 10.6450, 23.5996



4.5295, 4.7347, 5.8759



4.6399, 2.8276, 21.4379



0.0215, 0.0206, 0.0761

Previews

White Background



This preview shows how the XYZ color 18.0290, 19.0754, 11.3260 looks on a white background.

Color Contrast Check

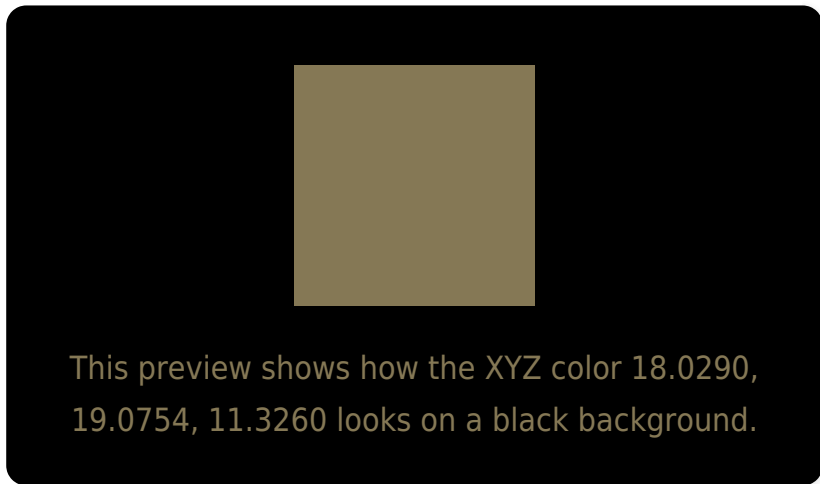
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

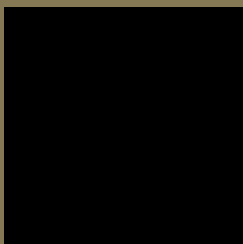
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0290, 19.0754, 11.3260

Background



This preview shows how black text looks on a background with the XYZ color 18.0290, 19.0754, 11.3260.



This preview shows how white text looks on a background with the XYZ color 18.0290, 19.0754,

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

18.0290, 19.0754, 11.3260

Protanopia

17.6830, 19.0764, 11.3445

Deuteranopia

19.4267, 19.0920, 11.4653



Tritanopia

20.0854, 19.0351, 21.6843

Trichromacy



Original Color

18.0290, 19.0754, 11.3260

Protanomaly

17.8371, 19.1559, 11.3517

Deuteranomaly

18.8562, 18.9699, 11.4718

Tritanomaly

19.3291, 19.0826, 17.4164

Monochromacy



Original Color

18.0290, 19.0754, 11.3260

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8278, 18.8545, 16.6096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0290, 19.0754, 11.3260 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(133, 120, 85)` looks like.

```
.text, #text, p{  
    color:rgb(133, 120, 85)  
}
```

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(133, 120, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 120, 85) }
```

Border

The CSS property to change the border of an element to XYZ 18.0290, 19.0754, 11.3260 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(133, 120, 85) }
```


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

```
.border{ border-color:rgb(133, 120, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 120, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 120, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 120, 85);  
box-shadow:4px 4px 4px 4px rgb(133, 120,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0290, 19.0754, 11.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 120, 85) }
```

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

```
.background{ background-color: rgb(133,  
120, 85) }
```

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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