

Converting Colors

XYZ(27.5690, 30.0160, 11.1781)

Have a look what the booklet for
XYZ(27.5690, 30.0160, 11.1781)
contains.

XYZ(27.5690, 30.0160, 11.1781)	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(27.5690, 30.0160,
11.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	A5954C
RGB	165, 149, 76
RGB Percent	65%, 58%, 30%
CMY	0.3529, 0.4157, 0.7020
CMYK	0.00, 0.10, 0.54, 0.35
HSL	49°, 37%, 47%
HSV	49°, 54%, 65%
XYZ	27.5690, 30.0160, 11.1781
YIQ	145.4620, 32.9690, -19.3110

Conversions

Conversions Part 2

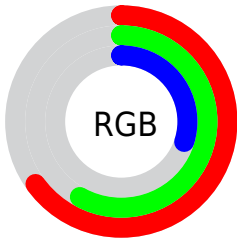
Format	Color
R_{YB}	96, 165, 76
Decimal	10851660
CIE _{Lab}	61.67, -3.80, 40.26
CIE _{LCh}	62, 40.441, 95.391
Yxy	30.0160, 0.4009, 0.4365
Android (android.graphics.Color)	4289041740 (0xFFA5954C)
YUV	145.4620, -34.2448, 17.1348
Hunter-Lab	54.7869, -6.0550, 26.2539

Details

The XYZ color **27.5690, 30.0160, 11.1781** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.5991, 11.9070, 37.1787**, and the grayscale version is **27.2282, 28.6462, 31.1957**.

A 20% lighter version of the original color is **55.3109, 59.7738, 28.7010**, and **11.2152, 12.3823, 2.8358** is the 20% darker color. If you saturate the color by 10%, you get **26.6044, 28.8901, 8.3804**, and if you desaturate by 10%, it is **28.6941, 31.2275, 14.7558**.

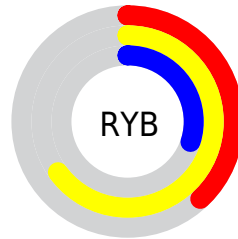
Distribution



Red (65%)

Green (58%)

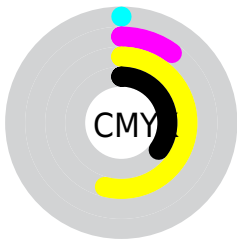
Blue (30%)



Red (38%)

Yellow (65%)

Blue (30%)

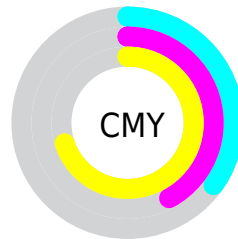


Cyan (0%)

Magenta (10%)

Yellow (54%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5690, 30.0160, 11.1781 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 27.5690, 30.0160, 11.1781 by changing the saturation by 10% instead.

■ 27.5690, 30.0160,
11.1781

■ 27.5690, 30.0160,
11.1781

282.5192,
301.9790, 209.6665

■ 18.1398, 19.8507,
6.0711

■ 55.2091, 59.6875,
28.6307

■ 11.1507, 12.2866,
2.8189

■ 74.1506, 79.9625,
41.8134

■ 6.2363, 6.9392,
1.0029

■ 96.9937, 104.3762,
58.5250

■ 3.0313, 3.4241,
0.0000

■ 124.1037,
133.3130, 79.1841

■ 1.1704, 1.3569,
0.0000

■ 155.8459,
167.1573, 104.2093

■ 0.0828, 0.1847,
0.0000

192.5856,

■ 0.0000, 0.0000,

206.2934, 134.0191

0.0000

234.6883,
251.1059, 169.0319

■ 27.5690, 30.0160,
11.1781

■ 27.5690, 30.0160,
11.1781

■ 26.6044, 28.8901,
8.3804

■ 28.6941, 31.2275,
14.7558

■ 25.7866, 27.8407,
6.3004

■ 29.9880, 32.5247,
19.1659

■ 25.1030, 26.8638,
4.8691

■ 31.4608, 33.9128,
24.4583

■ 24.5377, 25.9530,
4.0034

■ 33.1212, 35.3954,
30.6783

■ 24.2291, 25.4236,
3.6302

■ 34.9773, 36.9761,
37.8683

■ 37.0367, 38.6578,
46.0681

■ 39.3067, 40.4437,
55.3150

■ 41.7940, 42.3366,
65.6447

■ 44.5051, 44.3392,
77.0910

Harmonies

Analogous

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



33.0550, 30.0160, 12.4767



27.5690, 30.0160, 11.1781



22.9506, 30.0160, 13.9986

Triad

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



27.5690, 30.0160, 11.1781



20.9035, 30.0160, 53.0052



38.9994, 30.0160, 46.6287

Complementary

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



27.5690, 30.0160, 11.1781



13.5991, 11.9070, 37.1787

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.



34.9458, 30.0160, 63.2520



27.5690, 30.0160, 11.1781



24.4368, 30.0160, 67.6711

Square

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



27.5690, 30.0160, 11.1781



19.4243, 30.0160, 35.5437



29.5117, 30.0160, 71.9134



40.1102, 30.0160, 29.9788

Rectangle

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



27.5690, 30.0160, 11.1781



20.8378, 30.0160, 18.5841



29.5117, 30.0160, 71.9134



37.9129, 30.0160, 52.5501

Sweetspot

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



27.5697, 30.0174, 11.1787



58.5866, 62.7500, 52.1657



20.0473, 13.9468, 11.8337



12.6800, 13.6049, 10.9213



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.5697, 30.0174, 11.1787



47.2945, 51.3050, 14.0614



25.0463, 32.7349, 11.8363



7.5407, 8.0197, 7.5306



18.3626, 19.2992, 2.7573



0.4125, 0.4588, 0.0668

Inverse Universe

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



13.5991, 11.9070, 37.1787



19.6190, 15.4730, 65.7049



15.1065, 10.8399, 36.8933



6.7987, 7.0563, 8.9067



5.5100, 2.7994, 27.1797



0.1428, 0.1128, 0.5801

Previews

White Background



This preview shows how the XYZ color 27.5690, 30.0160, 11.1781 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



This preview shows how the XYZ color 27.5690, 30.0160, 11.1781 looks on a 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 ✓ Pass

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

XYZ 27.5690, 30.0160, 11.1781

Background



This preview shows how black text looks on a background with the XYZ color 27.5690, 30.0160, 11.1781.



This preview shows how white text looks on a background with the XYZ color 27.5690, 30.0160,

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

27.5690, 30.0160, 11.1781

Protanopia

27.5690, 30.0160, 11.1781

Deuteranopia

30.5766, 29.9633, 11.3797



Tritanopia

32.2056, 30.0874, 33.8158

Trichromacy



Original Color

27.5690, 30.0160, 11.1781

Protanomaly

27.5690, 30.0160, 11.1781

Deuteranomaly

29.3694, 30.0167, 11.2670

Tritanomaly

29.9735, 29.8368, 23.2481

Monochromacy



Original Color

27.5690, 30.0160, 11.1781

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6179, 28.5892, 21.8847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5690, 30.0160, 11.1781 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(165, 149, 76)` looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 76)  
}
```

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(165, 149, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 76) }
```

Border

The CSS property to change the border of an element to XYZ 27.5690, 30.0160, 11.1781 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(165, 149, 76) }
```


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

```
.border{ border-color:rgb(165, 149, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 149, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 76);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5690, 30.0160, 11.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 76) }
```

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

```
.background{ background-color: rgb(165,  
149, 76) }
```

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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