

Converting Colors

XYZ(26.6028, 30.1990, 17.8352)

Have a look what the booklet for
XYZ(26.6028, 30.1990, 17.8352)
contains.

XYZ(26.5405, 30.0557, 17.7671)	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(26.5405, 30.0557,
17.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	979869
RGB	151, 152, 105
RGB Percent	59%, 60%, 41%
CMY	0.4078, 0.4039, 0.5882
CMYK	0.01, 0.00, 0.31, 0.40
HSL	61°, 19%, 50%
HSV	61°, 31%, 60%
XYZ	26.5405, 30.0557, 17.7671
YIQ	146.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

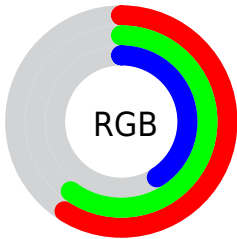
Format	Color
RYB	105, 152, 106
Decimal	9934953
CIELab	61.70, -8.11, 24.68
CIELCh	62, 25.979, 108.202
Yxy	30.0557, 0.3569, 0.4042
Android (android.graphics.Color)	4288125033 (0xFF979869)
YUV	146.3430, -20.3821, 4.0842
Hunter-Lab	54.8231, -9.5264, 19.1614

Details

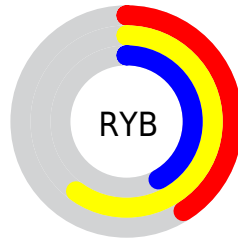
The XYZ color **26.5405, 30.0557, 17.7671** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6641, 15.4351, 31.8085**, and the grayscale version is **27.5400, 28.9742, 31.5529**.

A 20% lighter version of the original color is **53.6107, 59.6987, 40.5957**, and **10.5378, 12.2554, 5.6810** is the 20% darker color. If you saturate the color by 10%, you get **25.7682, 29.7409, 14.0110**, and if you desaturate by 10%, it is **27.4542, 30.4292, 22.2601**.

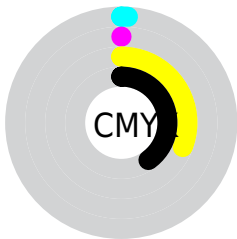
Distribution



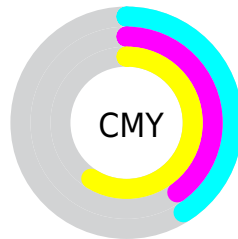
- Red (59%)
- Green (60%)
- Blue (41%)



- Red (41%)
- Yellow (60%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (31%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5405, 30.0557, 17.7671 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 26.5405, 30.0557, 17.7671 by changing the saturation by 10% instead.

■ 26.5405, 30.0557,
17.7671

■ 26.5405, 30.0557,
17.7671

■ 277.6337,
302.1640, 251.7469

■ 17.3632, 19.8809,
10.6152

■ 53.5707, 59.7503,
40.4486

■ 10.5907, 12.3085,
5.6978

■ 72.1544, 80.0388,
56.8153

■ 5.8576, 6.9541,
2.5964

■ 94.6043, 104.4673,
77.0907

■ 2.7985, 3.4334,
0.8906

■ 121.2857,
133.4202, 101.6934

■ 1.0481, 1.3620,
0.0000

■ 152.5639,
167.2820, 131.0417

■ 0.0000, 0.1884,
0.0000

■ 188.8045,

■ 0.0000, 0.0000,

206.4369, 165.5544

0.0000

230.3726,
251.2695, 205.6500

■ 26.5405, 30.0557,
17.7671

■ 26.5405, 30.0557,
17.7671

■ 25.7682, 29.7409,
14.0110

■ 27.4542, 30.4292,
22.2601

■ 25.1275, 29.4777,
10.9506

■ 28.5138, 30.8600,
27.5242

■ 24.6111, 29.2642,
8.5437

■ 29.7267, 31.3522,
33.5941

■ 24.2100, 29.0968,
6.7429

■ 31.0987, 31.9080,
40.5016

■ 23.9138, 28.9715,
5.4940

■ 32.6357, 32.5299,
48.2768

■ 23.7106, 28.8834,
4.7337

■ 34.3431, 33.2199,
56.9484

■ 23.5790, 28.8245,
4.3209

■ 36.2260, 33.9802,
66.5437

■ 38.2895, 34.8127,
77.0888

■ 40.5384, 35.7193,
88.6090

Harmonies

Analogous

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



29.9479, 30.0557, 17.4033



26.5405, 30.0557, 17.7671



23.8924, 30.0557, 21.6058

Triad

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



26.5405, 30.0557, 17.7671



24.3615, 30.0557, 49.0690



35.5807, 30.0557, 36.7746

Complementary

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



26.5405, 30.0557, 17.7671



16.6641, 15.4351, 31.8085

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.



33.8148, 30.0557, 47.1253



26.5405, 30.0557, 17.7671



27.2293, 30.0557, 55.1227

Square

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



26.5405, 30.0557, 17.7671



22.7060, 30.0557, 39.0398



30.6942, 30.0557, 54.3472



35.3587, 30.0557, 27.1317

Rectangle

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



26.5405, 30.0557, 17.7671



22.8287, 30.0557, 26.1528



30.6942, 30.0557, 54.3472



35.1945, 30.0557, 40.3165

Sweetspot

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



26.5413, 30.0571, 17.7677



50.6810, 54.6117, 50.3475



20.6314, 17.9595, 15.7442



11.4565, 12.3871, 11.1309



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.5413, 30.0571, 17.7677



45.8916, 52.6608, 26.7154



22.6387, 28.0452, 17.5851



6.6959, 7.2162, 6.6458



19.7728, 24.1691, 3.6230



0.2991, 0.3631, 0.0543

Inverse Universe

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



16.6641, 15.4351, 31.8085



25.6683, 22.7208, 55.4664



19.8164, 17.0602, 31.9560



5.8961, 6.0323, 7.7826



4.7896, 1.9202, 25.0259



0.0745, 0.0302, 0.3743

Previews

White Background



This preview shows how the XYZ color 26.5405, 30.0557, 17.7671 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 26.5405, 30.0557, 17.7671 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 26.5405, 30.0557, 17.7671

Background



This preview shows how black text looks on a background with the XYZ color 26.5405, 30.0557, 17.7671.



This preview shows how white text looks on a background with the XYZ color 26.5405, 30.0557,

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

26.5405, 30.0557, 17.7671

Protanopia

27.9441, 30.0714, 17.4283

Deuteranopia

30.6078, 30.0536, 18.0976



Tritanopia

30.1158, 29.8532, 36.0733

Trichromacy



Original Color

26.5405, 30.0557, 17.7671

Protanomaly

27.3097, 29.9803, 17.4441

Deuteranomaly

29.0289, 29.9232, 17.8814

Tritanomaly

28.6949, 29.9833, 28.3197

Monochromacy



Original Color

26.5405, 30.0557, 17.7671

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8994, 29.1144, 25.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5405, 30.0557, 17.7671 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(151, 152, 105)` looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 105)  
}
```

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(151, 152, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 105) }
```

Border

The CSS property to change the border of an element to XYZ 26.5405, 30.0557, 17.7671 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(151, 152, 105) }
```


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

```
.border{ border-color:rgb(151, 152, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 152, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 152, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 152, 105);  
box-shadow:4px 4px 4px 4px rgb(151, 152,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5405, 30.0557, 17.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 105) }
```

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

```
.background{ background-color: rgb(151,  
152, 105) }
```

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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