

Converting Colors

XYZ(26.5039, 30.3451, 14.8162)

Have a look what the booklet for
XYZ(26.5039, 30.3451, 14.8162)
contains.

XYZ(26.5039, 30.3451, 14.8162)	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(26.5039, 30.3451,
14.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	99995D
RGB	153, 153, 93
RGB Percent	60%, 60%, 36%
CMY	0.4000, 0.4000, 0.6353
CMYK	0.00, 0.00, 0.39, 0.40
HSL	60°, 24%, 48%
HSV	60°, 39%, 60%
XYZ	26.5039, 30.3451, 14.8162
YIQ	146.1600, 19.2600, -18.6600

Conversions

Conversions Part 2

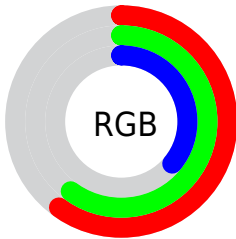
Format	Color
RYB	93, 153, 93
Decimal	10066269
CIELab	61.95, -9.34, 31.53
CIELCh	62, 32.881, 106.496
Yxy	30.3451, 0.3698, 0.4234
Android (android.graphics.Color)	4288256349 (0xFF99995D)
YUV	146.1600, -26.2079, 5.9987
Hunter-Lab	55.0864, -10.5189, 22.6137

Details

The XYZ color **26.5039, 30.3451, 14.8162** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1794, 12.4565, 31.7958**, and the grayscale version is **27.4865, 28.9180, 31.4917**.

A 20% lighter version of the original color is **53.3593, 60.0492, 35.1639**, and **10.5919, 12.4589, 4.3292** is the 20% darker color. If you saturate the color by 10%, you get **25.8930, 30.1018, 11.5972**, and if you desaturate by 10%, it is **27.2519, 30.6454, 18.7506**.

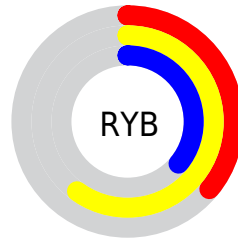
Distribution



Red (60%)

Green (60%)

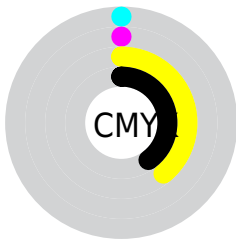
Blue (36%)



Red (36%)

Yellow (60%)

Blue (36%)

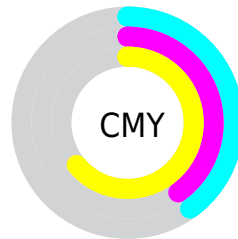


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5039, 30.3451, 14.8162 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 26.5039, 30.3451, 14.8162 by changing the saturation by 10% instead.

■ 26.5039, 30.3451,
14.8162

■ 26.5039, 30.3451,
14.8162

277.4586,
303.5097, 233.8533

■ 17.3356, 20.1007,
8.5453

■ 53.5123, 60.2075,
35.2681

■ 10.5709, 12.4682,
4.3531

■ 72.0831, 80.5943,
50.2863

■ 5.8442, 7.0634,
1.8210

■ 94.5189, 105.1306,
69.0572

■ 2.7903, 3.5018,
0.4417

■ 121.1849,
134.2009, 91.9996

■ 1.0439, 1.3990,
0.0000

152.4465,
168.1896, 119.5318

■ 0.0000, 0.2160,
0.0000

188.6691,

■ 0.0000, 0.0000,

207.4810, 152.0725

0.0000

230.2180,
252.4596, 190.0401

■ 26.5039, 30.3451,
14.8162

■ 26.5039, 30.3451,
14.8162

■ 25.8930, 30.1018,
11.5972

■ 27.2519, 30.6454,
18.7506

■ 25.4089, 29.9081,
9.0490

■ 28.1422, 31.0015,
23.4379

■ 25.0433, 29.7619,
7.1247


■ 29.1825, 31.4177,
28.9151


■ 24.7860, 29.6589,
5.7707


■ 30.3793, 31.8964,
35.2162

■ 24.6251, 29.5945,
4.9245


■ 31.7386, 32.4402,
42.3733


 24.5342, 29.5581,
4.4466

 33.2663, 33.0513,
50.4169

 24.5276, 29.5555,
4.4120

 34.9677, 33.7319,
59.3756

 36.8482, 34.4841,
69.2772

 38.9128, 35.3099,
80.1479

Harmonies

Analogous

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



30.8649, 30.3451, 14.6250



26.5039, 30.3451, 14.8162



23.1259, 30.3451, 19.0001

Triad

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



26.5039, 30.3451, 14.8162



23.3968, 30.3451, 53.9365



37.8841, 30.3451, 39.0332

Complementary

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



26.5039, 30.3451, 14.8162



14.1794, 12.4565, 31.7958

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.



35.4302, 30.3451, 52.7046



26.5039, 30.3451, 14.8162



26.9096, 30.3451, 62.6755

Square

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



26.5039, 30.3451, 14.8162



21.4610, 30.3451, 40.4161



31.3139, 30.3451, 62.1746



37.7470, 30.3451, 26.6219

Rectangle

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



26.5039, 30.3451, 14.8162



21.7530, 30.3451, 24.2821



31.3139, 30.3451, 62.1746



37.3250, 30.3451, 43.6866

Sweetspot

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



26.5046, 30.3465, 14.8168



51.6677, 56.0255, 48.6647



19.0280, 15.3921, 12.3244



11.3601, 12.3515, 10.4898



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.



26.5046, 30.3465, 14.8168



46.4967, 53.9569, 21.4413



21.5366, 27.7853, 14.5843



6.7089, 7.2229, 6.6464



20.2704, 24.4257, 3.6463



0.3031, 0.3652, 0.0545

Inverse Universe

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



14.1794, 12.4565, 31.7958



21.2669, 17.3361, 56.1973



17.8334, 14.3402, 31.9668



5.8845, 6.0263, 7.7820



4.7522, 1.9009, 25.0241



0.0711, 0.0284, 0.3741

Previews

White Background



This preview shows how the XYZ color 26.5039, 30.3451, 14.8162 looks on a white background.

Color Contrast Check

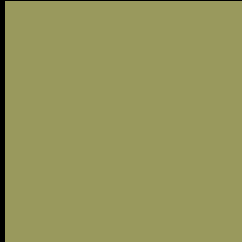
Large Text (above 18pt) WCAG AA × Fail

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 26.5039, 30.3451, 14.8162 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 26.5039, 30.3451, 14.8162

Background



This preview shows how black text looks on a background with the XYZ color 26.5039, 30.3451, 14.8162.



This preview shows how white text looks on a background with the XYZ color 26.5039, 30.3451,

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

26.5039, 30.3451, 14.8162

Protanopia

27.9424, 30.3719, 14.5149

Deuteranopia

30.7104, 30.1744, 15.0321



Tritanopia

30.7084, 30.1587, 36.1010

Trichromacy



Original Color

26.5039, 30.3451, 14.8162

Protanomaly

27.2965, 30.2769, 14.5306

Deuteranomaly

29.0317, 30.2216, 14.8929

Tritanomaly

28.7976, 30.0691, 26.8404

Monochromacy



Original Color

26.5039, 30.3451, 14.8162

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9726, 29.4168, 24.3351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5039, 30.3451, 14.8162 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(153, 153, 93)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 93)  
}
```

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(153, 153, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 93) }
```

Border

The CSS property to change the border of an element to XYZ 26.5039, 30.3451, 14.8162 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(153, 153, 93) }
```


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

```
.border{ border-color:rgb(153, 153, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 153, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 153, 93);  
box-shadow:4px 4px 4px 4px rgb(153, 153,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5039, 30.3451, 14.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 153, 93) }
```

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

```
.background{ background-color: rgb(153,  
153, 93) }
```

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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