

Converting Colors

XYZ(24.1385, 26.5241, 6.5367)

Have a look what the booklet for
XYZ(24.1385, 26.5241, 6.5367)
contains.

XYZ(24.1385, 26.5241, 6.5367)	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(24.1385, 26.5241,
6.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8D2F
RGB	158, 141, 47
RGB Percent	62%, 55%, 18%
CMY	0.3804, 0.4470, 0.8157
CMYK	0.00, 0.11, 0.70, 0.38
HSL	51°, 54%, 40%
HSV	51°, 70%, 62%
XYZ	24.1385, 26.5241, 6.5367
YIQ	135.3670, 40.3060, -25.6300

Conversions

Conversions Part 2

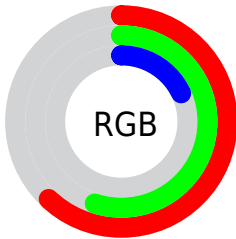
Format	Color
RYB	67, 158, 47
Decimal	10390831
CIELab	58.53, -4.62, 50.19
CIELCh	59, 50.402, 95.258
Yxy	26.5241, 0.4220, 0.4637
Android (android.graphics.Color)	4288580911 (0xFF9E8D2F)
YUV	135.3670, -43.5649, 19.8491
Hunter-Lab	51.5016, -6.4657, 28.5259

Details

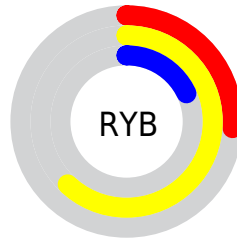
The XYZ color **24.1385, 26.5241, 6.5367** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.1772, 6.7395, 33.1647**, and the grayscale version is **23.3127, 24.5268, 26.7097**.

A 20% lighter version of the original color is **49.5682, 53.9315, 19.6017**, and **9.3346, 10.3657, 1.5088** is the 20% darker color. If you saturate the color by 10%, you get **23.5231, 25.7144, 5.0339**, and if you desaturate by 10%, it is **24.8783, 27.3981, 8.6509**.

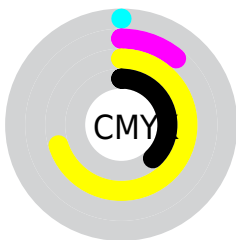
Distribution



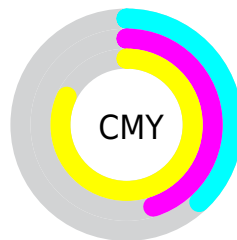
- Red (62%)
- Green (55%)
- Blue (18%)



- Red (26%)
- Yellow (62%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (70%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1385, 26.5241, 6.5367 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 24.1385, 26.5241, 6.5367 by changing the saturation by 10% instead.


 24.1385, 26.5241,
6.5367


 24.1385, 26.5241,
6.5367


265.9474,
285.3455, 173.2387


 15.5617, 17.2161,
3.1001


 49.7091, 54.1192,
19.5317

 9.3034, 10.3887,
1.1460


 67.4337, 73.1752,
29.9271

 4.9983, 5.6574,
0.0000

 88.9382, 96.2493,
43.4792

 2.2810, 2.6379,
0.0000

 114.5880,
123.7259, 60.6065

 0.7849, 0.9458,
0.0000

 144.7485,
155.9895, 81.7276

 0.0000, 0.0000,
0.0000

 179.7850,

193.4243, 107.2609

220.0628,
236.4148, 137.6251

■ 24.1385, 26.5241,
6.5367

■ 24.1385, 26.5241,
6.5367

■ 23.5231, 25.7144,
5.0339

■ 24.8783, 27.3981,
8.6509

■ 23.0171, 24.9598,
4.0717

■ 25.7520, 28.3371,
11.4338

■ 22.5990, 24.2661,
3.4927

■ 26.7700, 29.3465,
14.9381

■ 27.9413, 30.4300,
19.2106

■ 29.2741, 31.5908,
24.2942

■ 30.7761, 32.8321,
30.2286

■ 32.4542, 34.1568,
37.0509

■ 34.3152, 35.5676,
44.7961

■ 36.3653, 37.0672,
53.4972

Harmonies

Analogous

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



30.5098, 26.5241, 7.7057



24.1385, 26.5241, 6.5367



18.9623, 26.5241, 9.0698

Triad

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



24.1385, 26.5241, 6.5367



16.7095, 26.5241, 53.2740



37.5954, 26.5241, 45.5657

Complementary

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



24.1385, 26.5241, 6.5367



9.1772, 6.7395, 33.1647

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.



32.6991, 26.5241, 66.4654



24.1385, 26.5241, 6.5367



20.5631, 26.5241, 72.0431

Square

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



24.1385, 26.5241, 6.5367



15.1443, 26.5241, 32.1078



26.3135, 26.5241, 77.6578



38.9684, 26.5241, 25.8765

Rectangle

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



24.1385, 26.5241, 6.5367



16.6629, 26.5241, 13.5203



26.3135, 26.5241, 77.6578



36.2719, 26.5241, 52.8976

Sweetspot

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



24.1391, 26.5254, 6.5372



52.8662, 57.1175, 42.9708



16.0858, 9.6898, 6.1001



11.7729, 12.7519, 9.1264



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.1391, 26.5254, 6.5372



42.1999, 45.9471, 8.0869



20.6251, 28.7238, 7.1468



7.0836, 7.5472, 7.0691



18.1226, 19.4809, 2.8050



0.3453, 0.3909, 0.0572

Inverse Universe

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



9.1772, 6.7395, 33.1647



13.4319, 7.9985, 59.5794



10.8444, 6.3867, 33.0087



6.3627, 6.5911, 8.3435



5.2271, 2.5458, 26.1231



0.1138, 0.0862, 0.4739

Previews

White Background



This preview shows how the XYZ color 24.1385, 26.5241, 6.5367 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 24.1385, 26.5241, 6.5367 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 × Fail

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

XYZ 24.1385, 26.5241, 6.5367

Background



This preview shows how black text looks on a background with the XYZ color 24.1385, 26.5241, 6.5367.



This preview shows how white text looks on a background with the XYZ color 24.1385, 26.5241,

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

24.1385, 26.5241, 6.5367

Protanopia

24.1385, 26.5241, 6.5367

Deuteranopia

27.0053, 26.5106, 6.7113



Tritanopia

28.8596, 26.5625, 29.1972

Trichromacy



Original Color

24.1385, 26.5241, 6.5367

Protanomaly

24.1385, 26.5241, 6.5367

Deuteranomaly

25.8622, 26.5481, 6.6669

Tritanomaly

26.4221, 26.1760, 17.5698

Monochromacy



Original Color

24.1385, 26.5241, 6.5367

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7215, 24.7102, 16.4040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1385, 26.5241, 6.5367 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(158, 141, 47)` looks like.

```
.text, #text, p{  
    color:rgb(158, 141, 47)  
}
```

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(158, 141, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 47) }
```

Border

The CSS property to change the border of an element to XYZ 24.1385, 26.5241, 6.5367 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(158, 141, 47) }
```


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

```
.border{ border-color:rgb(158, 141, 47) }
```

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

Here you see how a box with a 4 pixel rgb(158, 141, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 141, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 141, 47);  
box-shadow:4px 4px 4px 4px rgb(158, 141,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1385, 26.5241, 6.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 141, 47) }
```

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

```
.background{ background-color: rgb(158,  
141, 47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor