

Converting Colors

XYZ(14.0708, 25.0983, 6.5859)

Have a look what the booklet for
XYZ(14.0708, 25.0983, 6.5859)
contains.

XYZ(14.0519, 25.0877, 6.5844)	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(14.0519, 25.0877,
6.5844)**

Conversions

Conversions Part 1

Format	Color
Hex	369D2D
RGB	54, 157, 45
RGB Percent	21%, 62%, 18%
CMY	0.7882, 0.3843, 0.8235
CMYK	0.66, 0.00, 0.71, 0.38
HSL	115°, 55%, 40%
HSV	115°, 71%, 62%
XYZ	14.0519, 25.0877, 6.5844
YIQ	113.4350, -25.4360, -56.6680

Conversions

Conversions Part 2

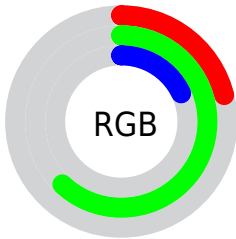
Format	Color
RYB	45, 157, 148
Decimal	3579181
CIELab	57.16, -50.96, 47.64
CIELCh	57, 69.761, 136.932
Yxy	25.0877, 0.3073, 0.5487
Android (android.graphics.Color)	4281769261 (0xFF369D2D)
YUV	113.4350, -33.7385, -52.1245
Hunter-Lab	50.0876, -37.5758, 27.2672

Details

The XYZ color **14.0519, 25.0877, 6.5844** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **19.2388, 10.6081, 32.9333**, and the grayscale version is **15.9287, 16.7582, 18.2497**.

A 20% lighter version of the original color is **32.8913, 52.0290, 19.6183**, and **4.9503, 9.9006, 1.6501** is the 20% darker color. If you saturate the color by 10%, you get **13.1411, 24.6476, 5.2470**, and if you desaturate by 10%, it is **15.3064, 25.6935, 8.5258**.

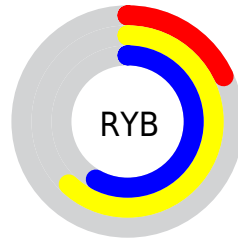
Distribution



Red (21%)

Green (62%)

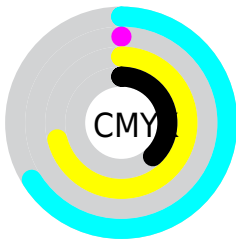
Blue (18%)



Red (18%)

Yellow (62%)

Blue (58%)

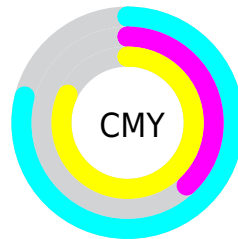


Cyan (66%)

Magenta (0%)

Yellow (71%)

Black (38%)



Cyan (79%)


Magenta (38%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0519, 25.0877, 6.5844 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 14.0519, 25.0877, 6.5844 by changing the saturation by 10% instead.


 14.0519, 25.0877,
6.5844


 14.0519, 25.0877,
6.5844


211.0576,
278.2744, 173.6620


 8.2387, 16.1424,
3.1291


 32.7666, 51.7995,
19.6305


 4.3012, 9.6250,
1.1609


 46.3988, 70.3347,
30.0585

 1.8739, 5.1510,
0.0000

 63.3681, 92.8354,
43.6477

 0.5616, 2.3361,
0.0000

 84.0397, 119.6860,
60.8167

 0.0000, 0.7927,
0.0000

 108.7792,
151.2707, 81.9842

 0.0000, 0.0000,
0.0000

 137.9517,

187.9741, 107.5685

171.9228,
230.1806, 137.9883

■ 14.0519, 25.0877,
6.5844

■ 14.0519, 25.0877,
6.5844

■ 13.1411, 24.6476,
5.2470

■ 15.3064, 25.6935,
8.5258

■ 12.5380, 24.3539,
4.4414

■ 16.9326, 26.4759,
11.1293

■ 12.2178, 24.1977,
4.0267

■ 18.9575, 27.4484,
14.4481

■ 21.4050, 28.6224,
18.5295

■ 24.2974, 30.0083,
23.4167

■ 27.6553, 31.6159,
29.1498

■ 31.4978, 33.4543,
35.7661

■ 35.8433, 35.5322,
43.3008

■ 40.7090, 37.8578,
51.7871

Harmonies

Analogous

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



19.5267, 25.0877, 2.8529



14.0519, 25.0877, 6.5844



11.5131, 25.0877, 18.2970

Triad

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



14.0519, 25.0877, 6.5844



20.4431, 25.0877, 99.5188



42.4139, 25.0877, 16.1285

Complementary

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



14.0519, 25.0877, 6.5844



19.2388, 10.6081, 32.9333

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.



42.8207, 25.0877, 38.8982



14.0519, 25.0877, 6.5844



28.7574, 25.0877, 97.6574

Square

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



14.0519, 25.0877, 6.5844



14.5891, 25.0877, 75.6048



37.3751, 25.0877, 71.4236



36.3660, 25.0877, 5.7822

Rectangle

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



14.0519, 25.0877, 6.5844



11.3331, 25.0877, 33.1598



37.3751, 25.0877, 71.4236



43.2567, 25.0877, 22.2030

Sweetspot

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



14.0525, 25.0888, 6.5850



43.4741, 53.7212, 41.8701



24.9172, 28.4343, 6.6581



9.2603, 11.6745, 8.6943



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.0525, 25.0888, 6.5850



22.7909, 43.7783, 8.3829



15.0572, 25.4399, 14.1666



6.5977, 7.4252, 7.0711



9.9368, 19.6593, 3.2709



0.1905, 0.3581, 0.0591

Inverse Universe

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



19.2388, 10.6081, 32.9333



32.5404, 16.1525, 58.5294



17.6766, 10.1786, 15.8812



6.8516, 6.7275, 8.3441



14.3542, 6.8289, 26.4688



0.2706, 0.1293, 0.4739

Previews

White Background



This preview shows how the XYZ color 14.0519, 25.0877, 6.5844 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 14.0519, 25.0877, 6.5844 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 14.0519, 25.0877, 6.5844

Background



This preview shows how black text looks on a background with the XYZ color 14.0519, 25.0877, 6.5844.



This preview shows how white text looks on a background with the XYZ color 14.0519, 25.0877,

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

14.0519, 25.0877, 6.5844

Protanopia

22.4655, 24.8168, 5.6135

Deuteranopia

25.0344, 24.6761, 7.0579



Tritanopia

19.9986, 25.0854, 36.1357

Trichromacy



Original Color

14.0519, 25.0877, 6.5844

Protanomaly

17.7273, 23.8956, 5.8685

Deuteranomaly

18.7280, 23.5072, 6.6822

Tritanomaly

16.8760, 24.7572, 20.7188

Monochromacy



Original Color

14.0519, 25.0877, 6.5844

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.0253, 18.6804, 12.0990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0519, 25.0877, 6.5844 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(54, 157, 45)` looks like.

```
.text, #text, p{  
    color:rgb(54, 157, 45)  
}
```

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(54, 157, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 157, 45) }
```

Border

The CSS property to change the border of an element to XYZ 14.0519, 25.0877, 6.5844 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(54, 157, 45) }
```


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

```
.border{ border-color:rgb(54, 157, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 157, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 157, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 157, 45);  
box-shadow:4px 4px 4px 4px rgb(54, 157,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0519, 25.0877, 6.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 157, 45) }
```

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

```
.background{ background-color: rgb(54, 157,  
45) }
```

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