

Converting Colors

XYZ(14.5331, 25.9130, 11.2302)

Have a look what the booklet for
XYZ(14.5331, 25.9130, 11.2302)
contains.

XYZ(14.6035, 26.0348, 11.2767)	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(14.6035, 26.0348,
11.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	23A04D
RGB	35, 160, 77
RGB Percent	14%, 63%, 30%
CMY	0.8627, 0.3725, 0.6980
CMYK	0.78, 0.00, 0.52, 0.37
HSL	140°, 64%, 38%
HSV	140°, 78%, 63%
XYZ	14.6035, 26.0348, 11.2767
YIQ	113.1630, -47.8570, -52.3130

Conversions

Conversions Part 2

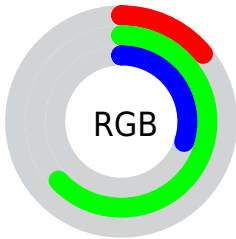
Format	Color
RYB	35, 129, 160
Decimal	2334797
CIELab	58.07, -51.47, 33.78
CIELCh	58, 61.566, 146.719
Yxy	26.0348, 0.2813, 0.5015
Android (android.graphics.Color)	4280524877 (0xFF23A04D)
YUV	113.1630, -17.8284, -68.5490
Hunter-Lab	51.0243, -38.2046, 22.6135

Details

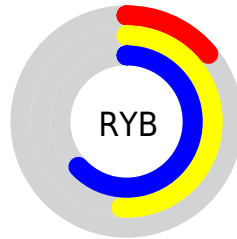
The XYZ color **14.6035, 26.0348, 11.2767** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **18.3690, 9.9841, 18.0992**, and the grayscale version is **15.8065, 16.6297, 18.1097**.

A 20% lighter version of the original color is **33.8190, 53.4369, 28.9540**, and **5.4795, 10.6041, 2.9204** is the 20% darker color. If you saturate the color by 10%, you get **13.8345, 25.6789, 9.4403**, and if you desaturate by 10%, it is **15.6827, 26.5449, 13.4487**.

Distribution



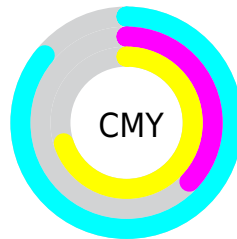
- Red (14%)
- Green (63%)
- Blue (30%)



- Red (14%)
- Yellow (51%)
- Blue (63%)



- Cyan (78%)
- Magenta (0%)
- Yellow (52%)
- Black (37%)



- Cyan (86%)
- Magenta (37%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6035, 26.0348, 11.2767 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 14.6035, 26.0348, 11.2767 by changing the saturation by 10% instead.

■ 14.6035, 26.0348,
11.2767

■ 14.6035, 26.0348,
11.2767

214.3899,
282.9529, 210.3613

■ 8.6261, 16.8497,
6.1368

■ 33.7335, 53.3311,
28.8151

■ 4.5533, 10.1274,
2.8583

■ 47.6168, 72.2110,
42.0507

■ 2.0196, 5.4835,
1.0227

■ 64.8660, 95.0914,
58.8219

■ 0.6450, 2.5336,
0.0000

■ 85.8467, 122.3565,
79.5473

■ 0.0000, 0.8934,
0.0000

■ 110.9240,
154.3908, 104.6454

■ 0.0000, 0.0000,
0.0000

■ 140.4634,

191.5787, 134.5347

174.8303,
234.3046, 169.6338

■ 14.6035, 26.0348,
11.2767

■ 14.6035, 26.0348,
11.2767

■ 13.8345, 25.6789,
9.4403

■ 15.6827, 26.5449,
13.4487

■ 13.3167, 25.4451,
7.9194

■ 17.1027, 27.2226,
15.9705

■ 13.2316, 25.4068,
7.6673

■ 18.8924, 28.0832,
18.8575

■ 21.0770, 29.1394,
22.1238

■ 23.6795, 30.4027,
25.7827

■ 26.7208, 31.8838,
29.8466

■ 30.2207, 33.5925,
34.3277

■ 34.1975, 35.5381,
39.2374

■ 38.6687, 37.7293,
44.5869

Harmonies

Analogous

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



18.8509, 26.0348, 5.2329



14.6035, 26.0348, 11.2767



13.0284, 26.0348, 26.0650

Triad

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



14.6035, 26.0348, 11.2767



23.9349, 26.0348, 92.1383



39.8609, 26.0348, 13.6212

Complementary

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



14.6035, 26.0348, 11.2767



18.3690, 9.9841, 18.0992

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.



41.9651, 26.0348, 30.7595



14.6035, 26.0348, 11.2767



31.7557, 26.0348, 83.0003

Square

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



14.6035, 26.0348, 11.2767



17.6917, 26.0348, 78.2895



38.7455, 26.0348, 57.3215



33.4614, 26.0348, 6.0311

Rectangle

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



14.6035, 26.0348, 11.2767



13.4113, 26.0348, 41.8526



38.7455, 26.0348, 57.3215



41.1433, 26.0348, 18.1135

Sweetspot

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



14.6041, 26.0359, 11.2773



45.4768, 56.4088, 50.1731



20.3916, 29.1391, 6.1399



9.5733, 12.1764, 10.4634



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.



14.6041, 26.0359, 11.2773



24.3807, 46.2907, 14.9689



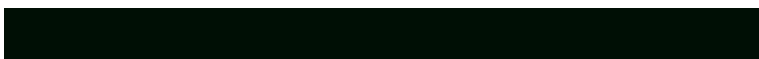
17.9371, 27.3690, 28.8284



6.6381, 7.4360, 7.5289



10.3256, 19.7982, 6.0715



0.2033, 0.3615, 0.2067

Inverse Universe

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



18.3690, 9.9841, 18.0992



31.4233, 15.8312, 27.4089



15.8087, 8.9599, 4.6165



6.8093, 6.7167, 7.8471



13.3504, 6.6447, 11.3623



0.2576, 0.1264, 0.3025

Previews

White Background



This preview shows how the XYZ color 14.6035, 26.0348, 11.2767 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 14.6035, 26.0348, 11.2767 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 14.6035, 26.0348, 11.2767

Background



This preview shows how black text looks on a background with the XYZ color 14.6035, 26.0348, 11.2767.



This preview shows how white text looks on a background with the XYZ color 14.6035, 26.0348,

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

14.6035, 26.0348, 11.2767

Protanopia

23.4750, 25.6797, 9.5138

Deuteranopia

25.9999, 25.4675, 11.9329



Tritanopia

20.1317, 26.0428, 38.6160

Trichromacy



Original Color

14.6035, 26.0348, 11.2767



Protanomaly

18.0667, 24.6635, 10.1116



Deuteranomaly

18.9039, 23.9332, 11.4078



Tritanomaly

17.4078, 25.6470, 25.8627

Monochromacy



Original Color

14.6035, 26.0348, 11.2767



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

14.0292, 18.8167, 14.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6035, 26.0348, 11.2767 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(35, 160, 77)` looks like.

```
.text, #text, p{  
    color:rgb(35, 160, 77)  
}
```

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(35, 160, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 160, 77) }
```

Border

The CSS property to change the border of an element to XYZ 14.6035, 26.0348, 11.2767 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(35, 160, 77) }
```


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

```
.border{ border-color:rgb(35, 160, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 160, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 160, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 160, 77);  
box-shadow:4px 4px 4px 4px rgb(35, 160,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6035, 26.0348, 11.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 160, 77) }
```

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

```
.background{ background-color: rgb(35, 160,  
77) }
```

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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