

Converting Colors

XYZ(14.3271, 18.6792, 5.9823)

Have a look what the booklet for
XYZ(14.3271, 18.6792, 5.9823)
contains.

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Color

**XYZ(14.3801, 18.8032,
6.0034)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8033
RGB	107, 128, 51
RGB Percent	42%, 50%, 20%
CMY	0.5804, 0.4980, 0.8000
CMYK	0.16, 0.00, 0.60, 0.50
HSL	76°, 43%, 35%
HSV	76°, 60%, 50%
XYZ	14.3801, 18.8032, 6.0034
YIQ	112.9430, 12.2010, -28.3990

Conversions

Conversions Part 2

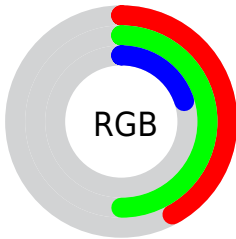
Format	Color
RYB	51, 128, 72
Decimal	7045171
CIELab	50.46, -20.02, 38.46
CIELCh	50, 43.358, 117.503
Yxy	18.8032, 0.3670, 0.4798
Android (android.graphics.Color)	4285235251 (0xFF6B8033)
YUV	112.9430, -30.5379, -5.2120
Hunter-Lab	43.3627, -16.6898, 22.1454

Details

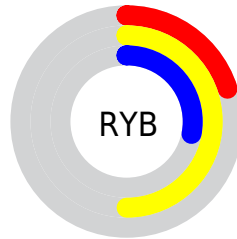
The XYZ color **14.3801, 18.8032, 6.0034** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **7.7533, 5.3044, 21.0385**, and the grayscale version is **15.7647, 16.5857, 18.0619**.

A 20% lighter version of the original color is **33.3213, 41.4414, 18.2994**, and **4.4833, 6.4618, 1.0110** is the 20% darker color. If you saturate the color by 10%, you get **13.7247, 18.4942, 4.6972**, and if you desaturate by 10%, it is **15.1311, 19.1537, 7.7206**.

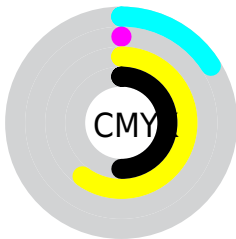
Distribution



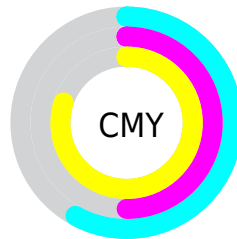
- Red (42%)
- Green (50%)
- Blue (20%)



- Red (20%)
- Yellow (50%)
- Blue (28%)



- Cyan (16%)
- Magenta (0%)
- Yellow (60%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3801, 18.8032, 6.0034 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 14.3801, 18.8032, 6.0034 by changing the saturation by 10% instead.

■ 14.3801, 18.8032,
6.0034

■ 14.3801, 18.8032,
6.0034

213.0464,
245.3602, 168.4087

■ 8.4690, 11.5282,
2.7783

■ 33.3426, 41.4013,
18.4157

■ 4.4508, 6.4233,
0.9826

■ 47.1247, 57.4931,
28.4401

■ 1.9602, 3.1041,
0.0000

■ 64.2612, 77.2927,
41.5679

■ 0.6115, 1.1863,
0.0000

■ 85.1174, 101.1844,
58.2178

■ 0.0000, 0.0505,
0.0000

■ 110.0586,
129.5526, 78.8083

■ 0.0000, 0.0000,
0.0000

■ 139.4503,

162.7817, 103.7579

173.6578,
201.2561, 133.4852

■ 14.3801, 18.8032,
6.0034

■ 14.3801, 18.8032,
6.0034

■ 13.7247, 18.4942,
4.6972

■ 15.1311, 19.1537,
7.7206

■ 13.1568, 18.2214,
3.7662

■ 15.9824, 19.5457,
9.8782

■ 12.6690, 17.9826,
3.1707

■ 16.9398, 19.9821,
12.5043

■ 12.2427, 17.7710,
2.7849

■ 18.0084, 20.4651,
15.6243

■ 19.1928, 20.9964,
19.2619

■ 20.4974, 21.5778,
23.4391

■ 21.9264, 22.2111,
28.1768

■ 23.4837, 22.8978,
33.4945

■ 25.1729, 23.6394,
39.4112

Harmonies

Analogous

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



18.2278, 18.8032, 4.9256



14.3801, 18.8032, 6.0034



11.8638, 18.8032, 10.3531

Triad

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



14.3801, 18.8032, 6.0034



13.8568, 18.8032, 46.9980



27.2674, 18.8032, 21.5030

Complementary

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



14.3801, 18.8032, 6.0034



7.7533, 5.3044, 21.0385

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.



25.6275, 18.8032, 35.6711



14.3801, 18.8032, 6.0034



17.5206, 18.8032, 53.5777

Square

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



14.3801, 18.8032, 6.0034



11.5968, 18.8032, 33.1912



21.8876, 18.8032, 48.7823



26.0798, 18.8032, 11.5068

Rectangle

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



14.3801, 18.8032, 6.0034



11.0619, 18.8032, 15.8447



21.8876, 18.8032, 48.7823



27.0235, 18.8032, 25.9259

Sweetspot

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



14.3805, 18.8040, 6.0038



32.0530, 36.1866, 28.5562



11.7876, 9.4034, 4.3260



7.3875, 8.4196, 6.3341



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.3805, 18.8040, 6.0038



23.7961, 32.3848, 7.6240



10.7692, 16.9423, 5.8348



4.5545, 4.9623, 4.6379



12.1402, 17.6209, 2.7613



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.7533, 5.3044, 21.0385



11.0745, 6.3909, 36.6061



11.5154, 7.2438, 21.2145



4.2104, 4.2641, 5.4144



4.5491, 1.8988, 20.3767



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3801, 18.8032, 6.0034 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 14.3801, 18.8032, 6.0034 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 14.3801, 18.8032, 6.0034

Background



This preview shows how black text looks on a background with the XYZ color 14.3801, 18.8032, 6.0034.



This preview shows how white text looks on a background with the XYZ color 14.3801, 18.8032,

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

14.3801, 18.8032, 6.0034

Protanopia

17.1024, 18.7230, 5.6182

Deuteranopia

18.9196, 18.6064, 6.2086



Tritanopia

17.9482, 18.7577, 23.7937

Trichromacy



Original Color

14.3801, 18.8032, 6.0034

Protanomaly

15.9709, 18.6813, 5.7817

Deuteranomaly

16.9355, 18.4465, 6.1580

Tritanomaly

16.2420, 18.6162, 15.0492

Monochromacy



Original Color

14.3801, 18.8032, 6.0034

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.8794, 17.0746, 12.1843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3801, 18.8032, 6.0034 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(107, 128, 51)` looks like.

```
.text, #text, p{  
    color:rgb(107, 128, 51)  
}
```

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(107, 128, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 128, 51) }
```

Border

The CSS property to change the border of an element to XYZ 14.3801, 18.8032, 6.0034 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(107, 128, 51) }
```


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

```
.border{ border-color:rgb(107, 128, 51) }
```

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

Here you see how a box with a 4 pixel rgb(107, 128, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 128, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 128, 51);  
box-shadow:4px 4px 4px 4px rgb(107, 128,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3801, 18.8032, 6.0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 128, 51) }
```

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

```
.background{ background-color: rgb(107,  
128, 51) }
```

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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