

Converting Colors

XYZ(14.6585, 15.2116, 5.4451)

Have a look what the booklet for
XYZ(14.6585, 15.2116, 5.4451)
contains.

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Color

**XYZ(14.6760, 15.1452,
5.3986)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 806A34 |
| RGB | 128, 106, 52 |
| RGB Percent | 50%, 42%, 20% |
| CMY | 0.4980, 0.5843, 0.7961 |
| CMYK | 0.00, 0.17, 0.59, 0.50 |
| HSL | 43°, 42%, 35% |
| HSV | 43°, 59%, 50% |
| XYZ | 14.6760, 15.1452, 5.3986 |
| YIQ | 106.4220, 30.4460, -12.1300 |

Conversions

Conversions Part 2

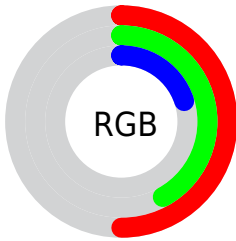
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 83, 128, 52 |
| Decimal | 8415796 |
| CIE Lab | 45.83, 1.72, 33.13 |
| CIE LCh | 46, 33.178, 87.024 |
| Yxy | 15.1452, 0.4167, 0.4300 |
| Android (android.graphics.Color) | 4286605876 (0xFF806A34) |
| YUV | 106.4220, -26.8300, 18.9239 |
| Hunter-Lab | 38.9168, -0.7900, 19.0170 |

Details

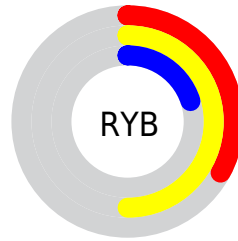
The XYZ color **14.6760, 15.1452, 5.3986** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.7612, 7.1859, 21.4001**, and the grayscale version is **13.8815, 14.6044, 15.9042**.

A 20% lighter version of the original color is **33.8857, 35.1013, 17.0459**, and **4.5718, 4.6754, 0.8051** is the 20% darker color. If you saturate the color by 10%, you get **14.0524, 14.2986, 3.9563**, and if you desaturate by 10%, it is **15.3950, 16.0576, 7.2589**.

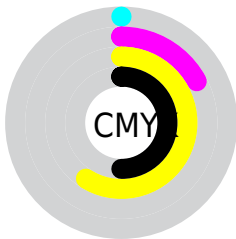
Distribution



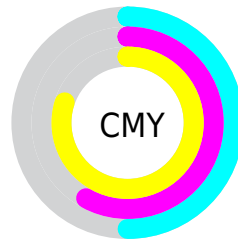
- Red (50%)
- Green (42%)
- Blue (20%)



- Red (33%)
- Yellow (50%)
- Blue (20%)



- Cyan (0%)
- Magenta (17%)
- Yellow (59%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6760, 15.1452, 5.3986 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 14.6760, 15.1452, 5.3986 by changing the saturation by 10% instead.

■ 14.6760, 15.1452,
5.3986

■ 14.6760, 15.1452,
5.3986

214.8242,
224.2434, 162.6921

■ 8.6771, 8.9214,
2.4202

■ 33.8601, 35.1077,
17.1248

■ 4.5866, 4.6899,
0.7974

■ 47.7761, 49.6151,
26.7097

■ 2.0391, 2.0665,
0.0000

■ 65.0618, 67.6526,
39.3339

■ 0.6558, 0.6457,
0.0000

■ 86.0827, 89.6044,
55.4158

■ 0.0000, 0.0000,
0.0000

■ 111.2039,
115.8550, 75.3740

■ 140.7911,

146.7888, 99.6271

175.2093,
182.7901, 128.5937

■ 14.6760, 15.1452,
5.3986

■ 14.6760, 15.1452,
5.3986

■ 14.0524, 14.2986,
3.9563

■ 15.3950, 16.0576,
7.2589

■ 13.5165, 13.5125,
2.8967

■ 16.2143, 17.0362,
9.5668

■ 13.0609, 12.7843,
2.1807

■ 17.1397, 18.0843,
12.3499

■ 12.6634, 12.1047,
1.6920

■ 18.1762, 19.2042,
15.6338

■ 12.6391, 12.0632,
1.6623

■ 19.3285, 20.3980,
19.4419

■ 20.6008, 21.6679,
23.7963

■ 21.9974, 23.0157,
28.7177

■ 23.5221, 24.4432,
34.2257

■ 25.1787, 25.9524,
40.3392

Harmonies

Analogous

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



17.5239, 15.1452, 6.6532



14.6760, 15.1452, 5.3986



12.0880, 15.1452, 6.2262

Triad

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



14.6760, 15.1452, 5.3986



10.1175, 15.1452, 24.5218



19.3923, 15.1452, 26.3703

Complementary

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



14.6760, 15.1452, 5.3986



7.7612, 7.1859, 21.4001

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.



16.9784, 15.1452, 34.3596



14.6760, 15.1452, 5.3986



11.6628, 15.1452, 33.0719

Square

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



14.6760, 15.1452, 5.3986



9.6661, 15.1452, 15.7040



14.1177, 15.1452, 37.1398



20.4588, 15.1452, 17.3030

Rectangle

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



14.6760, 15.1452, 5.3986



10.8092, 15.1452, 8.0642



14.1177, 15.1452, 37.1398



18.6974, 15.1452, 29.3703

Sweetspot

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



14.6764, 15.1459, 5.3989



32.1878, 34.0079, 28.1286



11.3934, 7.5506, 7.4779



7.4233, 7.8428, 6.2209



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.



14.6764, 15.1459, 5.3989



24.4175, 24.7121, 6.2866



15.1235, 19.1838, 6.1547



4.5635, 4.8157, 4.6091



12.5338, 11.9640, 1.6487



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.7612, 7.1859, 21.4001



11.1092, 9.4281, 37.1906



7.4529, 5.2150, 21.0359



4.2024, 4.3989, 5.4408



4.5220, 2.8625, 20.5641



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6760, 15.1452, 5.3986 looks on a white 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

Black Background



This preview shows how the XYZ color 14.6760, 15.1452, 5.3986 looks on a black 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

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

XYZ 14.6760, 15.1452, 5.3986

Background



This preview shows how black text looks on a background with the XYZ color 14.6760, 15.1452, 5.3986.



This preview shows how white text looks on a background with the XYZ color 14.6760, 15.1452,

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

14.6760, 15.1452, 5.3986

Protanopia

13.8570, 15.1874, 5.5693

Deuteranopia

15.4244, 15.2260, 5.4941



Tritanopia

16.9368, 15.1836, 16.2254

Trichromacy



Original Color

14.6760, 15.1452, 5.3986

Protanomaly

14.1735, 15.1931, 5.5537

Deuteranomaly

15.2099, 15.2657, 5.5131

Tritanomaly

15.8729, 15.0326, 11.2975

Monochromacy



Original Color

14.6760, 15.1452, 5.3986

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7732, 14.5574, 10.8880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6760, 15.1452, 5.3986 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(128, 106, 52)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 52)  
}
```

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(128, 106, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 52) }
```

Border

The CSS property to change the border of an element to XYZ 14.6760, 15.1452, 5.3986 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(128, 106, 52) }
```


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

```
.border{ border-color:rgb(128, 106, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 106, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 52);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6760, 15.1452, 5.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 106, 52) }
```

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

```
.background{ background-color: rgb(128,  
106, 52) }
```

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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