

Converting Colors

XYZ(14.7770, 18.4404, 5.2613)

Have a look what the booklet for
XYZ(14.7770, 18.4404, 5.2613)
contains.

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Color

**XYZ(14.7467, 18.4341,
5.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	727D2D
RGB	114, 125, 45
RGB Percent	45%, 49%, 18%
CMY	0.5529, 0.5098, 0.8235
CMYK	0.09, 0.00, 0.64, 0.51
HSL	68°, 47%, 33%
HSV	68°, 64%, 49%
XYZ	14.7467, 18.4341, 5.2635
YIQ	112.5910, 19.1240, -27.2120

Conversions

Conversions Part 2

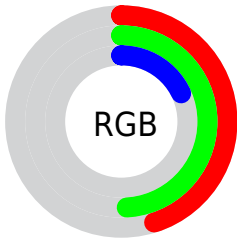
Format	Color
RYB	45, 125, 56
Decimal	7503149
CIELab	50.02, -15.89, 40.97
CIElCh	50, 43.942, 111.200
Yxy	18.4341, 0.3836, 0.4795
Android (android.graphics.Color)	4285693229 (0xFF727D2D)
YUV	112.5910, -33.3224, 1.2357
Hunter-Lab	42.9350, -13.8275, 22.7860

Details

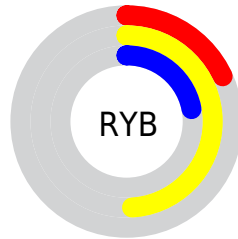
The XYZ color **14.7467, 18.4341, 5.2635** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.2716, 4.1986, 19.8830**, and the grayscale version is **15.6668, 16.4827, 17.9497**.

A 20% lighter version of the original color is **34.1344, 40.9918, 16.9396**, and **4.6343, 6.2256, 0.9574** is the 20% darker color. If you saturate the color by 10%, you get **14.3195, 18.2383, 4.1682**, and if you desaturate by 10%, it is **15.2503, 18.6623, 6.7354**.

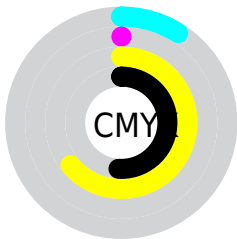
Distribution



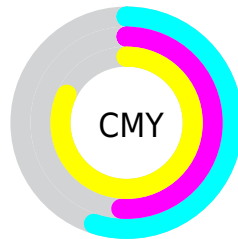
- Red (45%)
- Green (49%)
- Blue (18%)



- Red (18%)
- Yellow (49%)
- Blue (22%)



- Cyan (9%)
- Magenta (0%)
- Yellow (64%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7467, 18.4341, 5.2635 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 14.7467, 18.4341, 5.2635 by changing the saturation by 10% instead.

■ 14.7467, 18.4341,
5.2635

■ 14.7467, 18.4341,
5.2635

■ 215.2468,
243.3066, 161.3763

■ 8.7270, 11.2621,
2.3413

■ 33.9835, 40.7756,
16.8324

■ 4.6192, 6.2434,
0.7542

■ 47.9313, 56.7140,
26.3161

■ 2.0581, 2.9936,
0.0000

■ 65.2525, 76.3432,
38.8241

■ 0.6663, 1.1284,
0.0000

■ 86.3124, 100.0477,
54.7748

■ 0.0000, 0.0020,
0.0000

■ 111.4765,
128.2119, 74.5868

■ 0.0000, 0.0000,
0.0000

■ 141.1100,

161.2202, 98.6787

175.5783,
199.4570, 127.4690

■ 14.7467, 18.4341,
5.2635

■ 14.7467, 18.4341,
5.2635

■ 14.3195, 18.2383,
4.1682

■ 15.2503, 18.6623,
6.7354

■ 13.9608, 18.0697,
3.4139

■ 15.8348, 18.9227,
8.6127

■ 13.6624, 17.9257,
2.9553

■ 16.5057, 19.2181,
10.9229

■ 13.4953, 17.8443,
2.7330

■ 17.2677, 19.5504,
13.6908

■ 18.1252, 19.9215,
16.9392

■ 19.0823, 20.3329,
20.6895

■ 20.1429, 20.7861,
24.9617

■ 21.3104, 21.2827,
29.7748

■ 22.5885, 21.8240,
35.1468

Harmonies

Analogous

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



18.7924, 18.4341, 4.7488



14.7467, 18.4341, 5.2635



11.9261, 18.4341, 8.7450

Triad

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



14.7467, 18.4341, 5.2635



12.9113, 18.4341, 44.1852



26.8287, 18.4341, 23.8422

Complementary

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



14.7467, 18.4341, 5.2635



6.2716, 4.1986, 19.8830

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.



24.6386, 18.4341, 38.4454



14.7467, 18.4341, 5.2635



16.3084, 18.4341, 52.9225

Square

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



14.7467, 18.4341, 5.2635



10.9907, 18.4341, 29.7060



20.6232, 18.4341, 50.4809



26.2304, 18.4341, 12.7843

Rectangle

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



14.7467, 18.4341, 5.2635



10.9058, 18.4341, 13.4735



20.6232, 18.4341, 50.4809



26.3828, 18.4341, 28.5337

Sweetspot

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



14.7471, 18.4349, 5.2639



31.5960, 35.3010, 27.0472



10.3298, 7.3461, 3.3563



7.1057, 7.9945, 5.8466



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.7471, 18.4349, 5.2639



25.3143, 32.5057, 6.7347



10.6577, 16.3268, 5.0725



4.6090, 4.9904, 4.6404



14.0800, 18.6209, 2.8521



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.2716, 4.1986, 19.8830



8.8729, 4.8154, 35.2062



9.4295, 5.8266, 20.0308



4.1597, 4.2379, 5.4120



4.1043, 1.6696, 20.3559



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7467, 18.4341, 5.2635 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 14.7467, 18.4341, 5.2635 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 14.7467, 18.4341, 5.2635

Background



This preview shows how black text looks on a background with the XYZ color 14.7467, 18.4341, 5.2635.



This preview shows how white text looks on a background with the XYZ color 14.7467, 18.4341,

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

14.7467, 18.4341, 5.2635

Protanopia

16.7057, 18.3546, 4.9478

Deuteranopia

18.6722, 18.3279, 5.4592



Tritanopia

18.1532, 18.3665, 22.3270

Trichromacy



Original Color

14.7467, 18.4341, 5.2635

Protanomaly

15.8962, 18.2922, 5.0758

Deuteranomaly

17.0481, 18.1702, 5.4050

Tritanomaly

16.4819, 18.2179, 13.9570

Monochromacy



Original Color

14.7467, 18.4341, 5.2635

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.9328, 16.9379, 11.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7467, 18.4341, 5.2635 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(114, 125, 45)` looks like.

```
.text, #text, p{  
    color:rgb(114, 125, 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(114, 125, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 125, 45) }
```

Border

The CSS property to change the border of an element to XYZ 14.7467, 18.4341, 5.2635 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(114, 125, 45) }
```


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

```
.border{ border-color:rgb(114, 125, 45) }
```

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

Here you see how a box with a 4 pixel rgb(114, 125, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 125, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 125, 45);  
box-shadow:4px 4px 4px 4px rgb(114, 125,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7467, 18.4341, 5.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 125, 45) }
```

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

```
.background{ background-color: rgb(114,  
125, 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](#).

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