

Converting Colors

XYZ(14.7795, 19.1244, 3.7861)

Have a look what the booklet for
XYZ(14.7795, 19.1244, 3.7861)
contains.

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Color

**XYZ(14.6941, 19.0150,
3.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	718018
RGB	113, 128, 24
RGB Percent	44%, 50%, 9%
CMY	0.5569, 0.4980, 0.9059
CMYK	0.12, 0.00, 0.81, 0.50
HSL	69°, 68%, 30%
HSV	69°, 81%, 50%
XYZ	14.6941, 19.0150, 3.7600
YIQ	111.6590, 24.4440, -35.5240

Conversions

Conversions Part 2

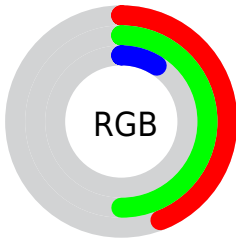
Format	Color
R_{YB}	24, 128, 39
Decimal	7438360
CIE _{Lab}	50.70, -19.17, 49.88
CIE _{LCh}	51, 53.436, 111.022
Yxy	19.0150, 0.3922, 0.5075
Android (android.graphics.Color)	4285628440 (0xFF718018)
YUV	111.6590, -43.2159, 1.1761
Hunter-Lab	43.6062, -16.1612, 25.4120

Details

The XYZ color **14.6941, 19.0150, 3.7600** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.0603, 2.6436, 20.6668**, and the grayscale version is **15.4192, 16.2222, 17.6660**.

A 20% lighter version of the original color is **34.0475, 41.9226, 13.5051**, and **4.7826, 6.6161, 1.0250** is the 20% darker color. If you saturate the color by 10%, you get **14.3560, 18.8533, 3.2053**, and if you desaturate by 10%, it is **15.1005, 19.2060, 4.6456**.

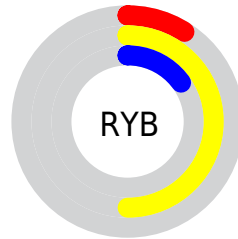
Distribution



Red (44%)

Green (50%)

Blue (9%)



Red (9%)

Yellow (50%)

Blue (15%)

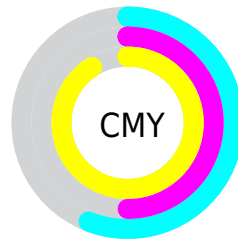


Cyan (12%)

Magenta (0%)

Yellow (81%)

Black (50%)



Cyan (56%)

Magenta (50%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6941, 19.0150, 3.7600 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 14.6941, 19.0150, 3.7600 by changing the saturation by 10% instead.

■ 14.6941, 19.0150,
3.7600

■ 14.6941, 19.0150,
3.7600

214.9324,
246.5316, 145.5192

■ 8.6899, 11.6811,
1.4946

■ 33.8917, 41.7594,
13.4524

■ 4.5950, 6.5269,
0.2139

■ 47.8158, 57.9388,
21.7164

■ 2.0439, 3.1681,
0.0000

■ 65.1107, 77.8354,
32.8171

■ 0.6584, 1.2201,
0.0000

■ 86.1415, 101.8337,
47.1730

■ 0.0000, 0.0780,
0.0000

■ 111.2738,
130.3181, 65.2026

■ 0.0000, 0.0000,
0.0000

■ 140.8728,

163.6729, 87.3245

175.3039,
202.2826, 113.9572

14.6941, 19.0150,
3.7600

14.6941, 19.0150,
3.7600

14.3560, 18.8533,
3.2053

15.1005, 19.2060,
4.6456

14.0925, 18.7245,
2.8714

15.5818, 19.4268,
5.9017

16.1450, 19.6809,
7.5640

16.7961, 19.9708,
9.6633

17.5404, 20.2985,
12.2276

■ 18.3829, 20.6661,
15.2826

■ 19.3279, 21.0752,
18.8520

■ 20.3799, 21.5278,
22.9582

■ 21.5428, 22.0252,
27.6219

Harmonies

Analogous

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



19.6918, 19.0150, 3.2795



14.6941, 19.0150, 3.7600



11.3170, 19.0150, 7.3396

Triad

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



14.6941, 19.0150, 3.7600



12.4468, 19.0150, 52.2174



29.9654, 19.0150, 25.5424

Complementary

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



14.6941, 19.0150, 3.7600



5.0603, 2.6436, 20.6668

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.



27.0929, 19.0150, 44.6796



14.6941, 19.0150, 3.7600



16.5458, 19.0150, 64.2929

Square

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



14.6941, 19.0150, 3.7600



10.2045, 19.0150, 32.8777



21.9342, 19.0150, 61.0147



29.2054, 19.0150, 11.9814

Rectangle

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



14.6941, 19.0150, 3.7600



10.1208, 19.0150, 12.6655



21.9342, 19.0150, 61.0147



29.3750, 19.0150, 31.5790

Sweetspot

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



14.6945, 19.0159, 3.7604



31.8542, 36.1619, 25.0296



9.7565, 6.0335, 1.5148



7.3526, 8.4205, 5.4777



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.



14.6945, 19.0159, 3.7604



24.8688, 32.9925, 5.2003



9.8798, 16.5338, 3.5351



4.6063, 4.9890, 4.6403



13.9738, 18.5661, 2.8471



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.0603, 2.6436, 20.6668



7.3975, 3.1012, 36.1650



8.4271, 4.3793, 20.8243



4.1622, 4.2392, 5.4121



4.1203, 1.6778, 20.3566



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6941, 19.0150, 3.7600 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 14.6941, 19.0150, 3.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

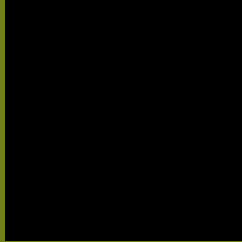
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6941, 19.0150, 3.7600

Background



This preview shows how black text looks on a background with the XYZ color 14.6941, 19.0150, 3.7600.



This preview shows how white text looks on a background with the XYZ color 14.6941, 19.0150,

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

14.6941, 19.0150, 3.7600

Protanopia

17.1355, 18.9669, 3.5169

Deuteranopia

19.2135, 18.8090, 3.9142



Tritanopia

18.5853, 18.9162, 23.4405

Trichromacy



Original Color

14.6941, 19.0150, 3.7600

Protanomaly

16.2644, 19.0664, 3.6336

Deuteranomaly

17.2877, 18.6808, 3.7932

Tritanomaly

16.4556, 18.5963, 12.6197

Monochromacy



Original Color

14.6941, 19.0150, 3.7600

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.6085, 16.9808, 10.0971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6941, 19.0150, 3.7600 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(113, 128, 24)` looks like.

```
.text, #text, p{  
    color:rgb(113, 128, 24)  
}
```

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(113, 128, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 128, 24) }
```

Border

The CSS property to change the border of an element to XYZ 14.6941, 19.0150, 3.7600 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(113, 128, 24) }
```


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

```
.border{ border-color:rgb(113, 128, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 128, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 128, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 128, 24);  
box-shadow:4px 4px 4px 4px rgb(113, 128,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6941, 19.0150, 3.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 128, 24) }
```

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

```
.background{ background-color: rgb(113,  
128, 24) }
```

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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