

Converting Colors

XYZ(16.0117, 19.1045, 4.0719)

Have a look what the booklet for
XYZ(16.0117, 19.1045, 4.0719)
contains.

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Color

**XYZ(16.0254, 19.1209,
4.0744)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7D1E
RGB	125, 125, 30
RGB Percent	49%, 49%, 12%
CMY	0.5098, 0.5098, 0.8823
CMYK	0.00, 0.00, 0.76, 0.51
HSL	60°, 61%, 30%
HSV	60°, 76%, 49%
XYZ	16.0254, 19.1209, 4.0744
YIQ	114.1700, 30.4950, -29.5450

Conversions

Conversions Part 2

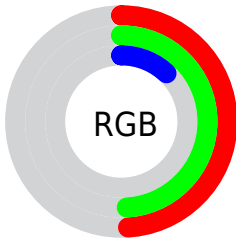
Format	Color
R_{YB}	30, 125, 30
Decimal	8224030
CIE Lab	50.83, -11.83, 48.33
CIE LCh	51, 49.753, 103.755
Yxy	19.1209, 0.4086, 0.4875
Android (android.graphics.Color)	4286414110 (0xFF7D7D1E)
YUV	114.1700, -41.4958, 9.4979
Hunter-Lab	43.7275, -11.1057, 25.0847

Details

The XYZ color **16.0254, 19.1209, 4.0744** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.7019, 2.6856, 19.6737**, and the grayscale version is **16.1601, 17.0017, 18.5148**.

A 20% lighter version of the original color is **36.0675, 41.7568, 14.1415**, and **5.3321, 6.5854, 0.9901** is the 20% darker color. If you saturate the color by 10%, you get **15.8965, 19.0701, 3.3943**, and if you desaturate by 10%, it is **16.2185, 19.1989, 5.0891**.

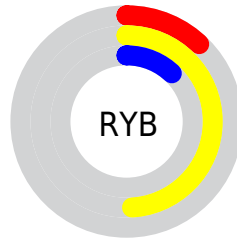
Distribution



Red (49%)

Green (49%)

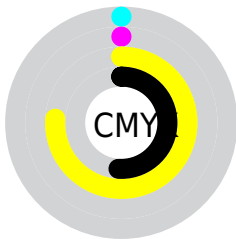
Blue (12%)



Red (12%)

Yellow (49%)

Blue (12%)

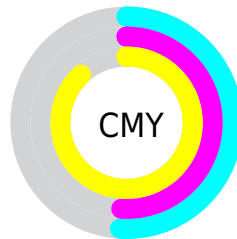


Cyan (0%)

Magenta (0%)

Yellow (76%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0254, 19.1209, 4.0744 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 16.0254, 19.1209, 4.0744 by changing the saturation by 10% instead.

■ 16.0254, 19.1209,
4.0744

■ 16.0254, 19.1209,
4.0744

222.7590,
247.1154, 149.0488

■ 9.6331, 11.7577,
1.6662

■ 36.1994, 41.9383,
14.1810

■ 5.2168, 6.5789,
0.3374

■ 50.7118, 58.1612,
22.7165

■ 2.4111, 3.2002,
0.0000

■ 68.6616, 78.1062,
34.1316

■ 0.8506, 1.2371,
0.0000

■ 90.4141, 102.1576,
48.8447

■ 0.0000, 0.0917,
0.0000

■ 116.3348,
130.6999, 67.2744

■ 0.0000, 0.0000,
0.0000

■ 146.7889,

164.1173, 89.8393

182.1419,
202.7943, 116.9579

16.0254, 19.1209,
4.0744

16.0254, 19.1209,
4.0744

15.8965, 19.0701,
3.3943

16.2185, 19.1989,
5.0891

15.8187, 19.0389,
2.9848

16.4813, 19.3040,
6.4724

15.7913, 19.0279,
2.8405

16.8200, 19.4395,
8.2557

17.2399, 19.6074,
10.4664

17.7458, 19.8098,
13.1299

■ 18.3420, 20.0483,
16.2692

■ 19.0327, 20.3246,
19.9061

■ 19.8217, 20.6402,
24.0607

■ 20.7127, 20.9966,
28.7523

Harmonies

Analogous

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



20.9375, 19.1209, 4.1775



16.0254, 19.1209, 4.0744



12.4082, 19.1209, 6.7834

Triad

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



16.0254, 19.1209, 4.0744



12.1853, 19.1209, 45.5952



28.7969, 19.1209, 29.3118

Complementary

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



16.0254, 19.1209, 4.0744



4.7019, 2.6856, 19.6737

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.



25.4953, 19.1209, 47.0067



16.0254, 19.1209, 4.0744



15.6648, 19.1209, 58.9296

Square

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



16.0254, 19.1209, 4.0744



10.4757, 19.1209, 27.9131



20.5062, 19.1209, 59.5384



28.9411, 19.1209, 15.0426

Rectangle

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



16.0254, 19.1209, 4.0744



10.9685, 19.1209, 11.0257



20.5062, 19.1209, 59.5384



27.9961, 19.1209, 35.1676

Sweetspot

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



16.0258, 19.1218, 4.0748



32.0219, 35.5707, 24.8033



9.1567, 5.3827, 1.7849



7.2151, 8.0635, 5.2802



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.



16.0258, 19.1218, 4.0748



28.3608, 34.1061, 5.5287



10.6698, 16.3607, 3.8241



4.6654, 5.0194, 4.6431



16.4804, 19.8584, 2.9644



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.7019, 2.6856, 19.6737



6.9873, 3.0834, 34.9712



7.2676, 4.0083, 19.7938



4.1089, 4.2117, 5.4097



3.8635, 1.5454, 20.3446



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.0254, 19.1209, 4.0744 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 16.0254, 19.1209, 4.0744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

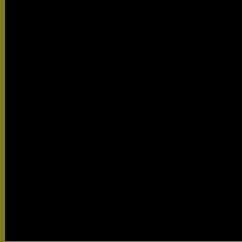
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.0254, 19.1209, 4.0744

Background



This preview shows how black text looks on a background with the XYZ color 16.0254, 19.1209, 4.0744.



This preview shows how white text looks on a background with the XYZ color 16.0254, 19.1209,

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

16.0254, 19.1209, 4.0744

Protanopia

17.2125, 18.9977, 3.9221

Deuteranopia

19.3830, 19.0582, 4.2471



Tritanopia

19.8001, 19.2155, 22.4040

Trichromacy



Original Color

16.0254, 19.1209, 4.0744

Protanomaly

16.6970, 18.9133, 3.9330

Deuteranomaly

18.0267, 19.0542, 4.1666

Tritanomaly

17.8107, 18.9341, 12.6135

Monochromacy



Original Color

16.0254, 19.1209, 4.0744

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5110, 17.4330, 10.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0254, 19.1209, 4.0744 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(125, 125, 30)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 30)  
}
```

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(125, 125, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 30) }
```

Border

The CSS property to change the border of an element to XYZ 16.0254, 19.1209, 4.0744 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(125, 125, 30) }
```


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

```
.border{ border-color:rgb(125, 125, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 30);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0254, 19.1209, 4.0744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 30) }
```

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

```
.background{ background-color: rgb(125,  
125, 30) }
```

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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