

Converting Colors

XYZ(16.3216, 19.2720, 3.7361)

Have a look what the booklet for
XYZ(16.3216, 19.2720, 3.7361)
contains.

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Color

**XYZ(16.2509, 19.2452,
3.7223)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7D18
RGB	127, 125, 24
RGB Percent	50%, 49%, 9%
CMY	0.5020, 0.5098, 0.9059
CMYK	0.00, 0.02, 0.81, 0.50
HSL	59°, 68%, 30%
HSV	59°, 81%, 50%
XYZ	16.2509, 19.2452, 3.7223
YIQ	114.0840, 33.6130, -30.9870

Conversions

Conversions Part 2

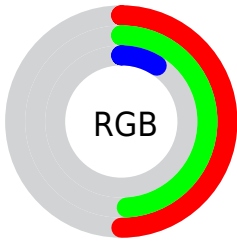
Format	Color
RYB	26, 127, 24
Decimal	8355096
CIELab	50.97, -11.16, 50.56
CIELCh	51, 51.778, 102.451
Yxy	19.2452, 0.4144, 0.4907
Android (android.graphics.Color)	4286545176 (0xFF7F7D18)
YUV	114.0840, -44.4114, 11.3273
Hunter-Lab	43.8694, -10.6481, 25.6778

Details

The XYZ color **16.2509, 19.2452, 3.7223** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.5769, 2.4653, 20.3132**, and the grayscale version is **16.1421, 16.9827, 18.4942**.

A 20% lighter version of the original color is **36.6257, 42.0616, 13.3960**, and **5.4861, 6.6647, 0.9973** is the 20% darker color. If you saturate the color by 10%, you get **16.1175, 19.1428, 3.1714**, and if you desaturate by 10%, it is **16.4469, 19.3743, 4.5987**.

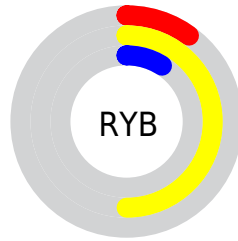
Distribution



Red (50%)

Green (49%)

Blue (9%)



Red (10%)

Yellow (50%)

Blue (9%)

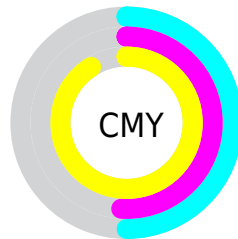


Cyan (0%)

Magenta (2%)

Yellow (81%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2509, 19.2452, 3.7223 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 16.2509, 19.2452, 3.7223 by changing the saturation by 10% instead.

■ 16.2509, 19.2452,
3.7223

■ 16.2509, 19.2452,
3.7223

224.0591,
247.7991, 145.0868

■ 9.7938, 11.8476,
1.4743

■ 36.5872, 42.1480,
13.3641

■ 5.3237, 6.6400,
0.1986

■ 51.1971, 58.4220,
21.5949

■ 2.4751, 3.2380,
0.0000

■ 69.2554, 78.4236,
32.6570

■ 0.8827, 1.2572,
0.0000

■ 91.1273, 102.5372,
46.9691

■ 0.0000, 0.1077,
0.0000

■ 117.1783,
131.1471, 64.9495

■ 0.0000, 0.0000,
0.0000

■ 147.7737,

164.6378, 87.0169

183.2788,
203.3937, 113.5899

16.2509, 19.2452,
3.7223

16.2509, 19.2452,
3.7223

16.1175, 19.1428,
3.1714

16.4469, 19.3743,
4.5987

16.0277, 19.0626,
2.8347

16.7119, 19.5303,
5.8395

17.0526, 19.7168,
7.4793

17.4750, 19.9360,
9.5484

17.9842, 20.1901,
12.0743

■ 18.5849, 20.4809,
15.0820

■ 19.2817, 20.8103,
18.5949

■ 20.0786, 21.1799,
22.6347

■ 20.9795, 21.5911,
27.2219

Harmonies

Analogous

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



21.4232, 19.2452, 3.9312



16.2509, 19.2452, 3.7223



12.4204, 19.2452, 6.2781

Triad

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



16.2509, 19.2452, 3.7223



11.9482, 19.2452, 46.3203



29.3730, 19.2452, 30.6554

Complementary

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



16.2509, 19.2452, 3.7223



4.5769, 2.4653, 20.3132

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.



25.7721, 19.2452, 49.3948



16.2509, 19.2452, 3.7223



15.4818, 19.2452, 60.9601

Square

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



16.2509, 19.2452, 3.7223



10.2658, 19.2452, 27.6387



20.4972, 19.2452, 62.2923



29.6849, 19.2452, 15.4459

Rectangle

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



16.2509, 19.2452, 3.7223



10.8795, 19.2452, 10.4341



20.4972, 19.2452, 62.2923



28.4800, 19.2452, 36.8832

Sweetspot

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



16.2513, 19.2461, 3.7227



32.8888, 36.4883, 25.0380



9.2820, 5.2466, 1.5871



7.6238, 8.5059, 5.4799



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.



16.2513, 19.2461, 3.7227



28.7330, 34.1554, 5.2211



10.9733, 16.9041, 3.5488



4.6584, 5.0056, 4.6408



16.1643, 19.2250, 2.8589



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.5769, 2.4653, 20.3132



7.0101, 2.9517, 36.1565



6.8351, 3.5661, 20.4067



4.1150, 4.2240, 5.4117



3.8903, 1.5990, 20.3536



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2509, 19.2452, 3.7223 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 16.2509, 19.2452, 3.7223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

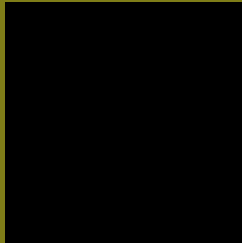
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.2509, 19.2452, 3.7223

Background



This preview shows how black text looks on a background with the XYZ color 16.2509, 19.2452, 3.7223.



This preview shows how white text looks on a background with the XYZ color 16.2509, 19.2452,

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

16.2509, 19.2452, 3.7223

Protanopia

17.4307, 19.2993, 3.6171

Deuteranopia

19.5019, 19.1275, 3.8924



Tritanopia

19.9387, 19.1223, 22.0421

Trichromacy



Original Color

16.2509, 19.2452, 3.7223

Protanomaly

16.9105, 19.2143, 3.6281

Deuteranomaly

18.3080, 19.2068, 3.8410

Tritanomaly

17.8740, 18.8038, 11.9199

Monochromacy



Original Color

16.2509, 19.2452, 3.7223

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5714, 17.4729, 10.3365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2509, 19.2452, 3.7223 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(127, 125, 24)` looks like.

```
.text, #text, p{  
    color:rgb(127, 125, 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(127, 125, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 125, 24) }
```

Border

The CSS property to change the border of an element to XYZ 16.2509, 19.2452, 3.7223 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(127, 125, 24) }
```


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

```
.border{ border-color:rgb(127, 125, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 125, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 125, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 125, 24);  
box-shadow:4px 4px 4px 4px rgb(127, 125,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2509, 19.2452, 3.7223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 125, 24) }
```

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

```
.background{ background-color: rgb(127,  
125, 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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