

Converting Colors

XYZ(21.6060, 14.7618, 2.2409)

Have a look what the booklet for
XYZ(21.6060, 14.7618, 2.2409)
contains.

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Color

**XYZ(21.6060, 14.7618,
2.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	B54A11
RGB	181, 74, 17
RGB Percent	71%, 29%, 7%
CMY	0.2902, 0.7098, 0.9333
CMYK	0.00, 0.59, 0.91, 0.29
HSL	21°, 83%, 39%
HSV	21°, 91%, 71%
XYZ	21.6060, 14.7618, 2.2409
YIQ	99.4950, 82.0690, 4.9570

Conversions

Conversions Part 2

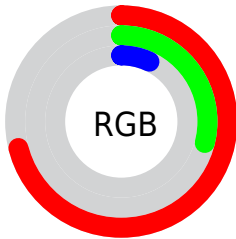
Format	Color
R _Y B	181, 104, 17
Decimal	11880977
CIE Lab	45.31, 40.90, 50.89
CIE LCh	45, 65.290, 51.212
Yxy	14.7618, 0.5596, 0.3823
Android (android.graphics.Color)	4290071057 (0xFFB54A11)
YUV	99.4950, -40.6700, 71.4799
Hunter-Lab	38.4211, 33.1421, 23.4367

Details

The XYZ color **21.6060, 14.7618, 2.2409** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.7787, 17.8695, 46.3332**, and the grayscale version is **12.0707, 12.6994, 13.8296**.

A 20% lighter version of the original color is **45.4664, 34.3938, 9.7112**, and **8.0139, 4.5294, 0.4519** is the 20% darker color. If you saturate the color by 10%, you get **20.8286, 13.3692, 1.4827**, and if you desaturate by 10%, it is **22.6739, 16.5718, 3.6018**.

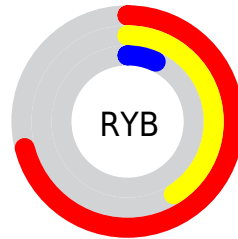
Distribution



Red (71%)

Green (29%)

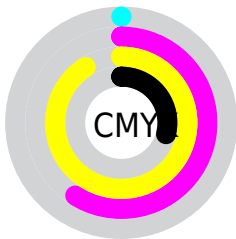
Blue (7%)



Red (71%)

Yellow (41%)

Blue (7%)

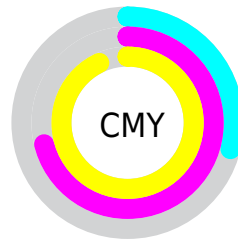


Cyan (0%)

Magenta (59%)

Yellow (91%)

Black (29%)



Cyan (29%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6060, 14.7618, 2.2409 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 21.6060, 14.7618, 2.2409 by changing the saturation by 10% instead.

■ 21.6060, 14.7618,
2.2409

■ 21.6060, 14.7618,
2.2409

253.1530,
221.9199, 126.0120

■ 13.6827, 8.6524,
0.6978

■ 45.5777, 34.4348,
9.6895

■ 7.9805, 4.5151,
0.0000

■ 62.3567, 48.7671,
16.4559

■ 4.1342, 1.9657,
0.0000

■ 82.8183, 66.6092,
25.8085

■ 1.7783, 0.5874,
0.0000

■ 107.3279, 88.3454,
38.1657


■ 0.5046, 0.0000,
0.0000


■ 136.2508,
114.3602, 53.9461


■ 0.0000, 0.0000,
0.0000


■ 169.9524,


145.0380, 73.5683


 208.7980,
180.7631, 97.4507


 21.6060, 14.7618,
2.2409


 21.6060, 14.7618,
2.2409


 20.8286, 13.3692,
1.4827

 22.6739, 16.5718,
3.6018

 24.0357, 18.7478,
5.7446

 25.7179, 21.3123,
8.7705

 27.7427, 24.2851,
12.7654

 30.1306, 27.6845,
17.8046

■ 32.8999, 31.5273,
23.9559

■ 36.0679, 35.8295,
31.2814

■ 39.6504, 40.6063,
39.8385

■ 43.6628, 45.8722,
49.6809

Harmonies

Analogous

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



26.1306, 14.7618, 7.5256



21.6060, 14.7618, 2.2409



15.6803, 14.7618, 0.9502

Triad

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



21.6060, 14.7618, 2.2409



6.0582, 14.7618, 11.9385



18.1399, 14.7618, 62.8980

Complementary

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



21.6060, 14.7618, 2.2409



15.7787, 17.8695, 46.3332

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.



12.5010, 14.7618, 67.1323



21.6060, 14.7618, 2.2409



6.3971, 14.7618, 29.4376

Square

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



21.6060, 14.7618, 2.2409



7.3852, 14.7618, 3.7033



8.4721, 14.7618, 52.2610



23.7985, 14.7618, 42.8824

Rectangle

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



21.6060, 14.7618, 2.2409



12.1041, 14.7618, 0.9838



8.4721, 14.7618, 52.2610



16.1515, 14.7618, 66.5666

Sweetspot

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



21.6063, 14.7626, 2.2411



60.6352, 58.8060, 46.8120



23.0439, 11.7397, 20.9032



12.7136, 12.1740, 9.2235



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



21.6063, 14.7626, 2.2411



37.1121, 23.5604, 2.5916



30.6577, 32.8654, 5.2583



8.7299, 8.9723, 8.9242



14.4183, 9.3351, 1.0419



0.5095, 0.4055, 0.0514

Inverse Universe

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



15.7787, 17.8695, 46.3332



26.3379, 28.7755, 82.4607



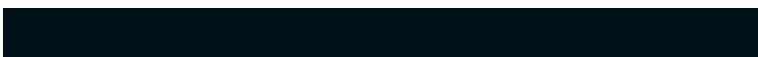
9.4849, 5.2819, 44.2352



8.4891, 9.1243, 10.8201



10.2895, 11.3794, 31.7911



0.3758, 0.4621, 1.0176

Previews

White Background



This preview shows how the XYZ color 21.6060, 14.7618, 2.2409 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 21.6060, 14.7618, 2.2409 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 21.6060, 14.7618, 2.2409

Background



This preview shows how black text looks on a background with the XYZ color 21.6060, 14.7618, 2.2409.



This preview shows how white text looks on a background with the XYZ color 21.6060, 14.7618,

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

21.6060, 14.7618, 2.2409

Protanopia

13.4342, 14.8647, 3.1384

Deuteranopia

14.9047, 14.7370, 2.0590



Tritanopia

22.8592, 14.8046, 7.9561

Trichromacy



Original Color

21.6060, 14.7618, 2.2409

Protanomaly

15.6652, 14.2672, 2.7388

Deuteranomaly

16.8089, 14.3428, 2.0548

Tritanomaly

22.1872, 14.7086, 5.0378

Monochromacy



Original Color

21.6060, 14.7618, 2.2409

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

13.7836, 12.4091, 7.2990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6060, 14.7618, 2.2409 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(181, 74, 17)` looks like.

```
.text, #text, p{  
    color:rgb(181, 74, 17)  
}
```

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(181, 74, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 17) }
```

Border

The CSS property to change the border of an element to XYZ 21.6060, 14.7618, 2.2409 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(181, 74, 17) }
```


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

```
.border{ border-color:rgb(181, 74, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 74, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 17);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6060, 14.7618, 2.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 17) }
```

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

```
.background{ background-color: rgb(181, 74,  
17) }
```

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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