

Converting Colors

XYZ(21.0592, 15.5396, 2.2511)

Have a look what the booklet for
XYZ(21.0592, 15.5396, 2.2511)
contains.

XYZ(21.1412, 15.5973, 2.2441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.1412, 15.5973,
2.2441)**

Conversions

Conversions Part 1

Format	Color
Hex	B0540C
RGB	176, 84, 12
RGB Percent	69%, 33%, 5%
CMY	0.3098, 0.6706, 0.9529
CMYK	0.00, 0.52, 0.93, 0.31
HSL	26°, 87%, 37%
HSV	26°, 93%, 69%
XYZ	21.1412, 15.5973, 2.2441
YIQ	103.3000, 77.9440, -2.8880

Conversions

Conversions Part 2

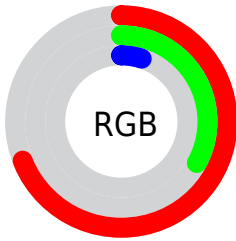
Format	Color
RYB	176, 140, 12
Decimal	11555852
CIELab	46.44, 33.80, 52.82
CIElCh	46, 62.713, 57.384
Yxy	15.5973, 0.5423, 0.4001
Android (android.graphics.Color)	4289745932 (0xFFB0540C)
YUV	103.3000, -45.0109, 63.7579
Hunter-Lab	39.4934, 26.4393, 24.2764

Details

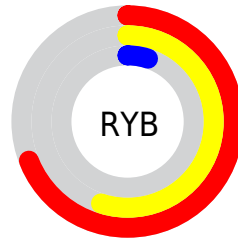
The XYZ color **21.1412, 15.5973, 2.2441** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **12.9380, 13.1126, 42.9231**, and the grayscale version is **13.0734, 13.7543, 14.9784**.

A 20% lighter version of the original color is **44.9072, 35.8984, 9.7165**, and **7.8035, 4.9151, 0.5374** is the 20% darker color. If you saturate the color by 10%, you get **20.5774, 14.5761, 1.7289**, and if you desaturate by 10%, it is **22.1256, 17.3056, 3.3760**.

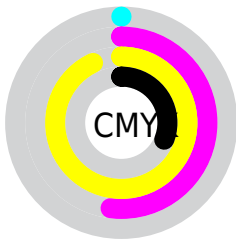
Distribution



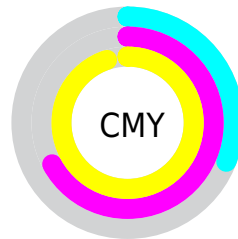
- Red (69%)
- Green (33%)
- Blue (5%)



- Red (69%)
- Yellow (55%)
- Blue (5%)



- Cyan (0%)
- Magenta (52%)
- Yellow (93%)
- Black (31%)



- Cyan (31%)
- Magenta (67%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1412, 15.5973, 2.2441 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 21.1412, 15.5973, 2.2441 by changing the saturation by 10% instead.

■ 21.1412, 15.5973,
2.2441

■ 21.1412, 15.5973,
2.2441

250.7455,
226.9536, 126.0589

■ 13.3403, 9.2396,
0.6996

■ 44.8119, 35.8977,
9.6980

■ 7.7419, 4.8978,
0.0000

■ 61.4125, 50.6092,
16.4680

■ 3.9807, 2.1874,
0.0000

■ 81.6769, 68.8741,
25.8248

■ 1.6912, 0.7131,
0.0000

■ 105.9706, 91.0768,
38.1869

■ 0.4508, 0.0000,
0.0000


■ 134.6590,
117.6017, 53.9728


■ 0.0000, 0.0000,
0.0000


■ 168.1074,


148.8332, 73.6011


 206.6811,
185.1557, 97.4903


 21.1412, 15.5973,
2.2441


 21.1412, 15.5973,
2.2441


 20.5774, 14.5761,
1.7289

 22.1256, 17.3056,
3.3760

 23.3469, 19.2875,
5.2031

 24.8278, 21.5593,
7.8238

 26.5874, 24.1348,
11.3203

 28.6429, 27.0265,
15.7641

■ 31.0096, 30.2462,
21.2195

■ 33.7017, 33.8049,
27.7450

■ 36.7327, 37.7132,
35.3946

■ 40.1148, 41.9809,
44.2187

Harmonies

Analogous

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



26.0614, 15.5973, 6.6629



21.1412, 15.5973, 2.2441



15.3027, 15.5973, 1.2411

Triad

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



21.1412, 15.5973, 2.2441



6.6954, 15.5973, 15.6641



20.1203, 15.5973, 59.3161

Complementary

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



21.1412, 15.5973, 2.2441



12.9380, 13.1126, 42.9231

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.



14.3569, 15.5973, 67.2287



21.1412, 15.5973, 2.2441



7.3957, 15.5973, 34.6176

Square

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



21.1412, 15.5973, 2.2441



7.6972, 15.5973, 5.4831



9.9113, 15.5973, 56.2525



25.3786, 15.5973, 38.5277

Rectangle

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



21.1412, 15.5973, 2.2441



11.9391, 15.5973, 1.4874



9.9113, 15.5973, 56.2525



18.1415, 15.5973, 63.9678

Sweetspot

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



21.1415, 15.5982, 2.2444



58.4567, 57.8065, 43.7887



20.5823, 10.5116, 14.2910



12.2352, 11.9510, 8.4512



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



21.1415, 15.5982, 2.2444



37.1036, 26.0018, 3.0633



31.4379, 36.1908, 5.6765



8.7931, 9.0988, 8.9453



15.1545, 10.8075, 1.2873



0.5353, 0.4570, 0.0600

Inverse Universe

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



12.9380, 13.1126, 42.9231



22.0285, 21.3165, 77.4488



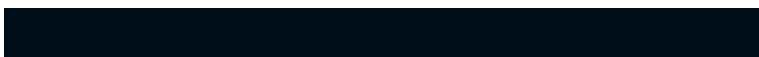
8.2932, 3.8230, 41.3749



8.4241, 8.9944, 10.7984



9.0636, 8.9275, 31.3825



0.3421, 0.3947, 1.0064

Previews

White Background



This preview shows how the XYZ color 21.1412, 15.5973, 2.2441 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 21.1412, 15.5973, 2.2441 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 21.1412, 15.5973, 2.2441

Background



This preview shows how black text looks on a background with the XYZ color 21.1412, 15.5973, 2.2441.



This preview shows how white text looks on a background with the XYZ color 21.1412, 15.5973,

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

21.1412, 15.5973, 2.2441

Protanopia

14.2682, 15.7794, 2.9555

Deuteranopia

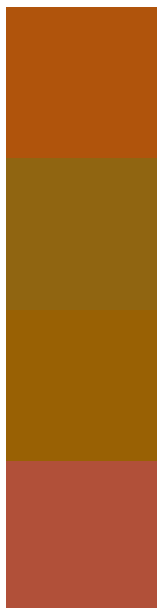
15.8668, 15.6786, 2.1900



Tritanopia

22.6458, 15.5383, 9.9892

Trichromacy



Original Color

21.1412, 15.5973, 2.2441

Protanomaly

16.2565, 15.2771, 2.6223

Deuteranomaly

17.4335, 15.3305, 2.1551

Tritanomaly

21.7386, 15.3798, 5.6937

Monochromacy



Original Color

21.1412, 15.5973, 2.2441

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.4943, 13.5538, 7.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1412, 15.5973, 2.2441 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(176, 84, 12)` looks like.

```
.text, #text, p{  
    color:rgb(176, 84, 12)  
}
```

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(176, 84, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 84, 12) }
```

Border

The CSS property to change the border of an element to XYZ 21.1412, 15.5973, 2.2441 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(176, 84, 12) }
```


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

```
.border{ border-color:rgb(176, 84, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 84, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 84, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 84, 12);  
box-shadow:4px 4px 4px 4px rgb(176, 84,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1412, 15.5973, 2.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 84, 12) }
```

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

```
.background{ background-color: rgb(176, 84,  
12) }
```

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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