

Converting Colors

XYZ(21.3928, 16.4579, 7.6794)

Have a look what the booklet for
XYZ(21.3928, 16.4579, 7.6794)
contains.

XYZ(21.3928, 16.4579, 7.6794)	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(21.3928, 16.4579,
7.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5B45
RGB	170, 91, 69
RGB Percent	67%, 36%, 27%
CMY	0.3333, 0.6431, 0.7294
CMYK	0.00, 0.46, 0.59, 0.33
HSL	13°, 42%, 47%
HSV	13°, 59%, 67%
XYZ	21.3928, 16.4579, 7.6794
YIQ	112.1130, 54.1460, 9.9060

Conversions

Conversions Part 2

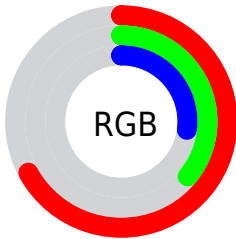
Format	Color
RYB	170, 97, 69
Decimal	11164485
CIELab	47.57, 30.14, 26.97
CIELCh	48, 40.443, 41.825
Yxy	16.4579, 0.4699, 0.3615
Android (android.graphics.Color)	4289354565 (0xFFAA5B45)
YUV	112.1130, -21.2547, 50.7669
Hunter-Lab	40.5683, 23.1334, 17.1745

Details

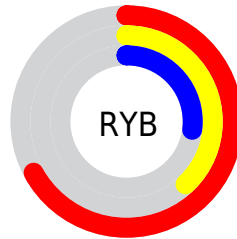
The XYZ color **21.3928, 16.4579, 7.6794** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **20.2991, 25.3457, 41.8523**, and the grayscale version is **15.4841, 16.2904, 17.7403**.

A 20% lighter version of the original color is **45.2561, 37.3120, 21.9562**, and **7.8494, 5.3087, 1.5307** is the 20% darker color. If you saturate the color by 10%, you get **19.9011, 14.2015, 4.9412**, and if you desaturate by 10%, it is **23.2379, 19.1793, 11.2815**.

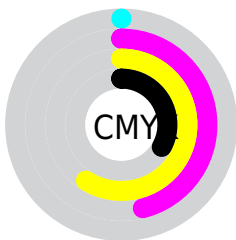
Distribution



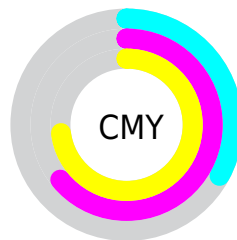
- Red (67%)
- Green (36%)
- Blue (27%)



- Red (67%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (59%)
- Black (33%)





- Cyan (33%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.3928, 16.4579, 7.6794 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 21.3928, 16.4579, 7.6794 by changing the saturation by 10% instead.


 21.3928, 16.4579,
7.6794


 21.3928, 16.4579,
7.6794


252.0511,
232.0287, 183.0350


 13.5255, 9.8488,
3.8057


 45.2267, 37.3913,
21.8632

 7.8709, 5.2988,
1.5194


 61.9241, 52.4844,
33.0104


 4.0636, 2.4236,
0.2323

 82.2955, 71.1742,
47.4191

 1.7382, 0.8380,
0.0000

 106.7063, 93.8452,
65.5079

 0.4800, 0.0000,
0.0000

 135.5220,
120.8818, 87.6954

 0.0000, 0.0000,
0.0000

169.1077,

152.6683, 114.4000

207.8290,
189.5892, 146.0404

■ 21.3928, 16.4579,
7.6794

■ 21.3928, 16.4579,
7.6794

■ 19.9011, 14.2015,
4.9412

■ 23.2379, 19.1793,
11.2815

■ 18.7376, 12.3809,
2.9924

■ 25.4568, 22.3876,
15.8117

■ 17.8756, 10.9675,
1.7471

■ 28.0697, 26.1062,
21.3291

■ 17.2703, 9.9230,
1.0338

■ 31.0949, 30.3563,
27.8877

■ 17.2402, 9.8715,
0.9967

■ 34.5496, 35.1579,
35.5374

■ 38.4500, 40.5300,
44.3249

■ 42.8114, 46.4905,
54.2944

■ 47.6484, 53.0568,
65.4876

■ 52.9749, 60.2452,
77.9440

Harmonies

Analogous

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



23.4489, 16.4579, 14.1543



21.3928, 16.4579, 7.6794



17.9042, 16.4579, 4.9079

Triad

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



21.3928, 16.4579, 7.6794



9.9415, 16.4579, 12.4172



17.1056, 16.4579, 45.1926

Complementary

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



21.3928, 16.4579, 7.6794



20.2991, 25.3457, 41.8523

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.



13.5802, 16.4579, 44.1472



21.3928, 16.4579, 7.6794



9.7954, 16.4579, 22.3002

Square

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



21.3928, 16.4579, 7.6794



11.4634, 16.4579, 6.8297



11.0281, 16.4579, 34.6707



20.7314, 16.4579, 37.1393

Rectangle

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



21.3928, 16.4579, 7.6794



15.4231, 16.4579, 4.5062



11.0281, 16.4579, 34.6707



15.8644, 16.4579, 45.9583

Sweetspot

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



21.3932, 16.4588, 7.6797



57.0606, 55.9747, 52.0078



24.0601, 14.9442, 29.6817



12.3541, 11.9645, 10.7860



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



21.3932, 16.4588, 7.6797



35.4424, 24.7381, 7.8078



27.2331, 28.1386, 9.6263



7.6587, 7.7975, 7.8907



12.7172, 7.3316, 0.7449



0.3449, 0.2494, 0.0300

Inverse Universe

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



20.2991, 25.3457, 41.8523



33.1846, 42.1343, 75.3856



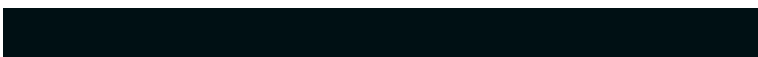
14.0419, 12.8314, 39.7665



7.6068, 8.2506, 9.6099



11.5456, 14.5514, 30.1757



0.3145, 0.4212, 0.7454

Previews

White Background



This preview shows how the XYZ color 21.3928, 16.4579, 7.6794 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 21.3928, 16.4579, 7.6794 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 21.3928, 16.4579, 7.6794

Background



This preview shows how black text looks on a background with the XYZ color 21.3928, 16.4579, 7.6794.



This preview shows how white text looks on a background with the XYZ color 21.3928, 16.4579,

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

21.3928, 16.4579, 7.6794

Protanopia

15.4487, 16.5713, 9.5921

Deuteranopia

16.8272, 16.5217, 7.4564



Tritanopia

22.5234, 16.5583, 12.5986

Trichromacy



Original Color

21.3928, 16.4579, 7.6794

Protanomaly

17.1368, 16.1866, 8.8777

Deuteranomaly

18.3422, 16.3920, 7.5074

Tritanomaly

22.0067, 16.4586, 10.6113

Monochromacy



Original Color

21.3928, 16.4579, 7.6794

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.7345, 15.7317, 13.2208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3928, 16.4579, 7.6794 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(170, 91, 69)` looks like.

```
.text, #text, p{  
    color:rgb(170, 91, 69)  
}
```

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(170, 91, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 91, 69) }
```

Border

The CSS property to change the border of an element to XYZ 21.3928, 16.4579, 7.6794 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(170, 91, 69) }
```


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

```
.border{ border-color:rgb(170, 91, 69) }
```

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

Here you see how a box with a 4 pixel rgb(170, 91, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 91, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 91, 69);  
box-shadow:4px 4px 4px 4px rgb(170, 91,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3928, 16.4579, 7.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 91, 69) }
```

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

```
.background{ background-color: rgb(170, 91,  
69) }
```

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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