

Converting Colors

XYZ(17.1706, 21.1016, 4.0805)

Have a look what the booklet for
XYZ(17.1706, 21.1016, 4.0805)
contains.

XYZ(17.1791, 21.0847, 4.0840)	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(17.1791, 21.0847,
4.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8419
RGB	127, 132, 25
RGB Percent	50%, 52%, 10%
CMY	0.5020, 0.4823, 0.9019
CMYK	0.04, 0.00, 0.81, 0.48
HSL	63°, 68%, 31%
HSV	63°, 81%, 52%
XYZ	17.1791, 21.0847, 4.0840
YIQ	118.3070, 31.3670, -34.3370

Conversions

Conversions Part 2

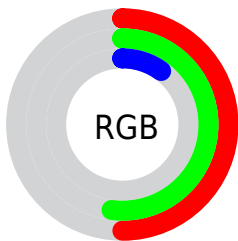
Format	Color
R_{YB}	25, 132, 30
Decimal	8356889
CIE _{Lab}	53.04, -14.90, 52.09
CIE _{LCh}	53, 54.178, 105.959
Y _{xy}	21.0847, 0.4057, 0.4979
Android (android.graphics.Color)	4286546969 (0xFF7F8419)
YUV	118.3070, -46.0004, 7.6238
Hunter-Lab	45.9181, -13.5753, 26.8693

Details

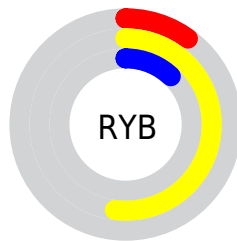
The XYZ color **17.1791, 21.0847, 4.0840** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.0485, 2.6376, 22.0741**, and the grayscale version is **17.4498, 18.3586, 19.9925**.

A 20% lighter version of the original color is **38.2887, 45.3297, 14.1286**, and **5.9173, 7.6424, 1.1632** is the 20% darker color. If you saturate the color by 10%, you get **16.9776, 20.9943, 3.4991**, and if you desaturate by 10%, it is **17.4495, 21.2043, 5.0242**.

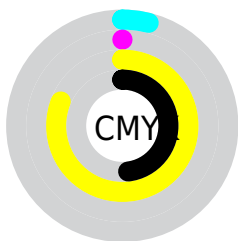
Distribution



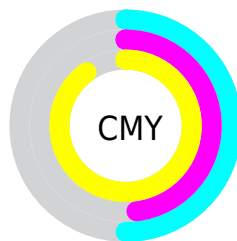
- Red (50%)
- Green (52%)
- Blue (10%)



- Red (10%)
- Yellow (52%)
- Blue (12%)



- Cyan (4%)
- Magenta (0%)
- Yellow (81%)
- Black (48%)



- Cyan (50%)
- Magenta (48%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1791, 21.0847, 4.0840 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 17.1791, 21.0847, 4.0840 by changing the saturation by 10% instead.

■ 17.1791, 21.0847,
4.0840

■ 17.1791, 21.0847,
4.0840

■ 229.3385,
257.7283, 149.1545

■ 10.4584, 13.1859,
1.6715

■ 38.1746, 45.2285,
14.2030

■ 5.7685, 7.5567,
0.3411

■ 53.1801, 62.2422,
22.7467

■ 2.7441, 3.8126,
0.0000

■ 71.6779, 83.0631,
34.1711

■ 1.0199, 1.5693,
0.0000

■ 94.0333, 108.0755,
48.8949


■ 0.0000, 0.3368,
0.0000


■ 120.6117,
137.6639, 67.3366


■ 0.0000, 0.0000,
0.0000


■ 151.7785,


172.2125, 89.9148


 187.8990,
212.1058, 117.0479


 17.1791, 21.0847,
4.0840


 17.1791, 21.0847,
4.0840


 16.9776, 20.9943,
3.4991


 17.4495, 21.2043,
5.0242

 16.8309, 20.9262,
3.1521

 17.7956, 21.3535,
6.3627

 18.2252, 21.5361,
8.1376

 18.7446, 21.7547,
10.3824

 19.3595, 22.0116,
13.1272

■ 20.0752, 22.3088,
16.3997

■ 20.8965, 22.6484,
20.2255

■ 21.8280, 23.0321,
24.6286

■ 22.8739, 23.4617,
29.6315

Harmonies

Analogous

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



22.8149, 21.0847, 3.9987



17.1791, 21.0847, 4.0840



13.1572, 21.0847, 7.3340

Triad

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



17.1791, 21.0847, 4.0840



13.3539, 21.0847, 53.6668



32.6443, 21.0847, 31.4334

Complementary

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



17.1791, 21.0847, 4.0840



5.0485, 2.6376, 22.0741

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.



28.9828, 21.0847, 52.3704



17.1791, 21.0847, 4.0840



17.5005, 21.0847, 68.7705

Square

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



17.1791, 21.0847, 4.0840



11.2515, 21.0847, 32.6999



23.2029, 21.0847, 68.2076



32.5132, 21.0847, 15.3725

Rectangle

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



17.1791, 21.0847, 4.0840



11.6144, 21.0847, 12.4090



23.2029, 21.0847, 68.2076



31.7902, 21.0847, 38.2419

Sweetspot

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



17.1796, 21.0857, 4.0844



34.9012, 39.1043, 26.7733



10.1207, 5.8339, 1.5126



8.0354, 9.0668, 5.8205



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.1796, 21.0857, 4.0844



29.6873, 36.8775, 5.7006



11.3240, 18.0670, 3.8104



5.0188, 5.4122, 5.0095



16.2968, 20.2613, 3.0519



0.0581, 0.0710, 0.0106

Inverse Universe

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



5.0485, 2.6376, 22.0741



7.5562, 3.1304, 38.6591



7.9986, 4.1585, 22.2121



4.4531, 4.5542, 5.8451



4.1088, 1.6523, 21.2391



0.0155, 0.0064, 0.0736

Previews

White Background



This preview shows how the XYZ color 17.1791, 21.0847, 4.0840 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 17.1791, 21.0847, 4.0840 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 17.1791, 21.0847, 4.0840

Background



This preview shows how black text looks on a background with the XYZ color 17.1791, 21.0847, 4.0840.



This preview shows how white text looks on a background with the XYZ color 17.1791, 21.0847,

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

17.1791, 21.0847, 4.0840

Protanopia

19.0819, 21.0843, 3.9281

Deuteranopia

21.2753, 20.9082, 4.2808



Tritanopia

21.4699, 21.0936, 25.1302

Trichromacy



Original Color

17.1791, 21.0847, 4.0840

Protanomaly

18.3317, 21.0848, 3.9678

Deuteranomaly

19.4620, 20.7071, 4.1335

Tritanomaly

19.1541, 20.7164, 13.5788

Monochromacy



Original Color

17.1791, 21.0847, 4.0840

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.5683, 18.8710, 11.1567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1791, 21.0847, 4.0840 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, 132, 25)` looks like.

```
.text, #text, p{  
    color:rgb(127, 132, 25)  
}
```

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, 132, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 132, 25) }
```

Border

The CSS property to change the border of an element to XYZ 17.1791, 21.0847, 4.0840 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, 132, 25) }
```


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

```
.border{ border-color:rgb(127, 132, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 132, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 132, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 132, 25);  
box-shadow:4px 4px 4px 4px rgb(127, 132,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1791, 21.0847, 4.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 132, 25) }
```

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

```
.background{ background-color: rgb(127,  
132, 25) }
```

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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