

Converting Colors

XYZ(17.3102, 20.1443, 3.8061)

Have a look what the booklet for
XYZ(17.3102, 20.1443, 3.8061)
contains.

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Color

**XYZ(17.2597, 20.1461,
3.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	847F17
RGB	132, 127, 23
RGB Percent	52%, 50%, 9%
CMY	0.4824, 0.5019, 0.9098
CMYK	0.00, 0.04, 0.83, 0.48
HSL	57°, 70%, 30%
HSV	57°, 83%, 52%
XYZ	17.2597, 20.1461, 3.7895
YIQ	116.6390, 36.3640, -31.2840

Conversions

Conversions Part 2

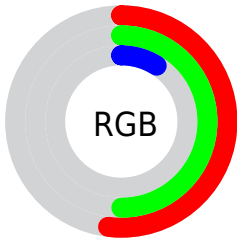
Format	Color
R_{YB}	28, 132, 23
Decimal	8683287
CIE _{Lab}	52.00, -9.97, 51.95
CIE _{LCh}	52, 52.895, 100.867
Yxy	20.1461, 0.4190, 0.4890
Android (android.graphics.Color)	4286873367 (0xFF847F17)
YUV	116.6390, -46.1640, 13.4716
Hunter-Lab	44.8844, -9.9079, 26.4133

Details

The XYZ color **17.2597, 20.1461, 3.7895** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.9335, 2.6787, 22.0866**, and the grayscale version is **16.9276, 17.8092, 19.3942**.

A 20% lighter version of the original color is **38.1987, 43.4674, 13.3979**, and **5.9488, 7.1110, 1.0590** is the 20% darker color. If you saturate the color by 10%, you get **17.0813, 19.9508, 3.2322**, and if you desaturate by 10%, it is **17.5054, 20.3706, 4.6948**.

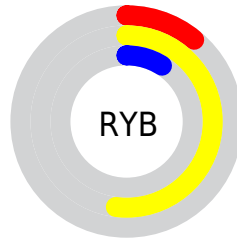
Distribution



Red (52%)

Green (50%)

Blue (9%)



Red (11%)

Yellow (52%)

Blue (9%)

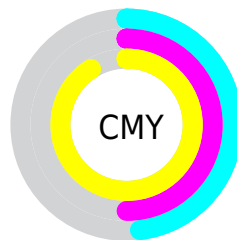


Cyan (0%)

Magenta (4%)

Yellow (83%)

Black (48%)



Cyan (48%)

Magenta (50%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2597, 20.1461, 3.7895 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 17.2597, 20.1461, 3.7895 by changing the saturation by 10% instead.

■ 17.2597, 20.1461,
3.7895

■ 17.2597, 20.1461,
3.7895

229.7917,
252.7049, 145.8561

■ 10.5163, 12.5013,
1.5106

■ 38.3118, 43.6620,
13.5213

■ 5.8075, 7.0860,
0.2258

■ 53.3512, 60.3019,
21.8113

■ 2.7679, 3.5160,
0.0000

■ 71.8866, 80.7089,
32.9420

■ 1.0322, 1.4067,
0.0000

■ 94.2834, 105.2674,
47.3321

■ 0.0000, 0.2216,
0.0000

■ 120.9070,
134.3619, 65.3999

■ 0.0000, 0.0000,
0.0000

■ 152.1227,

168.3767, 87.5642

188.2958,
207.6963, 114.2434

17.2597, 20.1461,
3.7895

17.2597, 20.1461,
3.7895

17.0813, 19.9508,
3.2322

17.5054, 20.3706,
4.6948

16.9700, 19.8142,
2.9301

17.8256, 20.6248,
5.9921

18.2282, 20.9127,
7.7207

18.7195, 21.2369,
9.9144

19.3054, 21.5997,
12.6038

■ 19.9912, 22.0032,
15.8169

■ 20.7818, 22.4494,
19.5797

■ 21.6819, 22.9401,
23.9163

■ 22.6956, 23.4771,
28.8494

Harmonies

Analogous

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



22.7510, 20.1461, 4.1436



17.2597, 20.1461, 3.7895



13.1349, 20.1461, 6.2728

Triad

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



17.2597, 20.1461, 3.7895



12.3300, 20.1461, 47.6592



30.7066, 20.1461, 33.1766

Complementary

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



17.2597, 20.1461, 3.7895



4.9335, 2.6787, 22.0866

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.



26.7634, 20.1461, 52.9183



17.2597, 20.1461, 3.7895



15.9475, 20.1461, 63.6378

Square

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



17.2597, 20.1461, 3.7895



10.6654, 20.1461, 28.0222



21.1698, 20.1461, 65.9177



31.2396, 20.1461, 16.8013

Rectangle

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



17.2597, 20.1461, 3.7895



11.4456, 20.1461, 10.4241



21.1698, 20.1461, 65.9177



29.7055, 20.1461, 39.7965

Sweetspot

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



17.2602, 20.1470, 3.7899



34.8352, 38.5391, 26.0723



10.0372, 5.6045, 1.6801



8.0251, 8.9227, 5.6705



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.



17.2602, 20.1470, 3.7899



29.8858, 34.8739, 5.2052



11.9689, 18.4010, 3.7318



5.0219, 5.3874, 5.0046



16.4324, 19.1875, 2.8375



0.0583, 0.0693, 0.0103

Inverse Universe

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



4.9335, 2.6787, 22.0866



7.4605, 3.1510, 38.6681



7.1477, 3.6586, 22.1590



4.4503, 4.5763, 5.8495



4.0973, 1.7424, 21.2571



0.0152, 0.0081, 0.0740

Previews

White Background



This preview shows how the XYZ color 17.2597, 20.1461, 3.7895 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 17.2597, 20.1461, 3.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

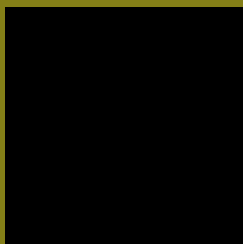
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2597, 20.1461, 3.7895

Background



This preview shows how black text looks on a background with the XYZ color 17.2597, 20.1461, 3.7895.



This preview shows how white text looks on a background with the XYZ color 17.2597, 20.1461,

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

17.2597, 20.1461, 3.7895

Protanopia

18.1677, 20.0487, 3.6713

Deuteranopia

20.4105, 20.1135, 3.9689



Tritanopia

21.1244, 20.0646, 22.8382

Trichromacy



Original Color

17.2597, 20.1461, 3.7895

Protanomaly

17.7950, 20.0435, 3.6899

Deuteranomaly

19.0678, 19.9569, 3.8840

Tritanomaly

18.9571, 19.7144, 12.2573

Monochromacy



Original Color

17.2597, 20.1461, 3.7895

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4247, 18.4369, 10.8766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2597, 20.1461, 3.7895 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(132, 127, 23)` looks like.

```
.text, #text, p{  
    color:rgb(132, 127, 23)  
}
```

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(132, 127, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 127, 23) }
```

Border

The CSS property to change the border of an element to XYZ 17.2597, 20.1461, 3.7895 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(132, 127, 23) }
```


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

```
.border{ border-color:rgb(132, 127, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 127, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 127, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 127, 23);  
box-shadow:4px 4px 4px 4px rgb(132, 127,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2597, 20.1461, 3.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 127, 23) }
```

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

```
.background{ background-color: rgb(132,  
127, 23) }
```

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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