

Converting Colors

XYZ(20.1260, 19.0282, 0.2877)

Have a look what the booklet for
XYZ(20.1260, 19.0282, 0.2877)
contains.

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Color

**XYZ(20.4921, 19.1654,
2.6192)**

Conversions

Conversions Part 1

Format	Color
Hex	A17000
RGB	161, 112, 0
RGB Percent	63%, 44%, 0%
CMY	0.3686, 0.5608, 1.0000
CMYK	0.00, 0.30, 1.00, 0.37
HSL	42°, 100%, 32%
HSV	42°, 100%, 63%
XYZ	20.4921, 19.1654, 2.6192
YIQ	113.8830, 65.1560, -24.4440

Conversions

Conversions Part 2

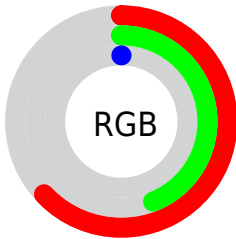
Format	Color
R_{YB}	70, 161, 0
Decimal	10579968
CIE _{Lab}	50.88, 11.54, 57.58
CIE _{LCh}	51, 58.721, 78.668
Yxy	19.1654, 0.4847, 0.4533
Android (android.graphics.Color)	4288770048 (0xFFA17000)
YUV	113.8830, -56.1443, 41.3216
Hunter-Lab	43.7783, 6.9417, 27.0976

Details

The XYZ color **20.4921, 19.1654, 2.6192** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.5314, 4.7699, 34.2417**, and the grayscale version is **16.1091, 16.9480, 18.4564**.

A 20% lighter version of the original color is **43.5378, 41.7802, 10.6202**, and **7.5423, 6.6098, 0.8783** is the 20% darker color. If you saturate the color by 10%, you get **20.4923, 19.1660, 2.6193**, and if you desaturate by 10%, it is **21.1423, 20.3150, 3.3012**.

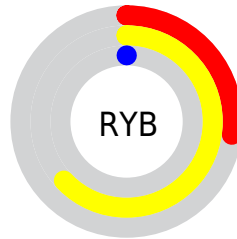
Distribution



Red (63%)

Green (44%)

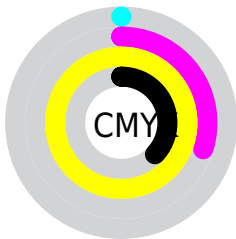
Blue (0%)



Red (27%)

Yellow (63%)

Blue (0%)

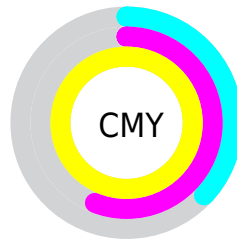


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (37%)



Cyan (37%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4921, 19.1654, 2.6192 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 20.4921, 19.1654, 2.6192 by changing the saturation by 10% instead.

■ 20.4921, 19.1654,
2.6192

■ 20.4921, 19.1654,
2.6192

247.3499,
247.3603, 131.3522

■ 12.8636, 11.7899,
0.9023

■ 43.7384, 42.0134,
10.6734

■ 7.4110, 6.6007,
0.0000

■ 60.0869, 58.2546,
17.8491

■ 3.7691, 3.2137,
0.0000

■ 80.0727, 78.2199,
27.6819

■ 1.5723, 1.2443,
0.0000

■ 104.0613,
102.2936, 40.5905


■ 0.3743, 0.0974,
0.0000


■ 132.4179,
130.8601, 56.9932


■ 0.0000, 0.0000,
0.0000


■ 165.5080,


164.3038, 77.3087


 203.6969,
203.0091, 101.9555


 20.4921, 19.1654,
2.6192


 20.4921, 19.1654,
2.6192


 20.4923, 19.1660,
2.6193

 21.1423, 20.3150,
3.3012

 21.8968, 21.5534,
4.3873

 22.7888, 22.8952,
6.0476

 23.8324, 24.3469,
8.3545

 25.0397, 25.9140,
11.3698

■ 26.4214, 27.6014,
15.1480

■ 27.9874, 29.4137,
19.7381

■ 29.7464, 31.3550,
25.1853

■ 31.7068, 33.4294,
31.5310

Harmonies

Analogous

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



26.6010, 19.1654, 4.9161



20.4921, 19.1654, 2.6192



14.8803, 19.1654, 2.8929

Triad

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



20.4921, 19.1654, 2.6192



9.5743, 19.1654, 32.8262



27.9187, 19.1654, 49.7969

Complementary

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



20.4921, 19.1654, 2.6192



7.5314, 4.7699, 34.2417

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.



22.0167, 19.1654, 67.9859



20.4921, 19.1654, 2.6192



11.8092, 19.1654, 55.1277

Square

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



20.4921, 19.1654, 2.6192



9.3362, 19.1654, 15.2096



16.1153, 19.1654, 70.3328



31.4560, 19.1654, 27.7797

Rectangle

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



20.4921, 19.1654, 2.6192



12.1086, 19.1654, 4.5617



16.1153, 19.1654, 70.3328



26.0941, 19.1654, 56.9680

Sweetspot

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



20.4925, 19.1664, 2.6196



49.9555, 52.4878, 34.8435



15.2951, 7.8160, 3.8329



10.7062, 11.2258, 6.8989



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.4925, 19.1664, 2.6196



36.5194, 33.9632, 4.6308



22.1800, 30.3536, 4.6900



7.4666, 7.8717, 7.5059



16.4038, 15.3815, 2.1044



0.3833, 0.4003, 0.0571

Inverse Universe

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



7.5314, 4.7699, 34.2417



13.3339, 8.2341, 61.2731



6.9546, 2.8422, 33.9000



6.8681, 7.1952, 8.9299



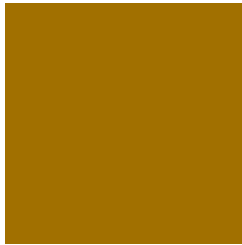
6.0473, 3.8740, 27.3588



0.1669, 0.1611, 0.5882

Previews

White Background



This preview shows how the XYZ color 20.4921, 19.1654, 2.6192 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 20.4921, 19.1654, 2.6192 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 20.4921, 19.1654, 2.6192

Background



This preview shows how black text looks on a background with the XYZ color 20.4921, 19.1654, 2.6192.



This preview shows how white text looks on a background with the XYZ color 20.4921, 19.1654,

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

20.4921, 19.1654, 2.6192

Protanopia

17.3308, 19.2593, 3.0912

Deuteranopia

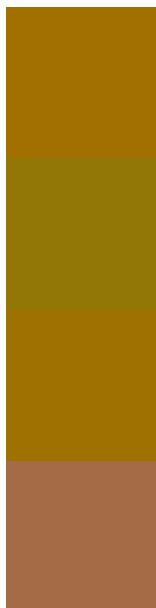
19.4572, 19.1315, 2.6672



Tritanopia

23.6008, 19.1775, 17.7870

Trichromacy



Original Color

20.4921, 19.1654, 2.6192

Protanomaly

18.3654, 19.0810, 2.8873

Deuteranomaly

19.9219, 19.2027, 2.6565

Tritanomaly

21.7049, 18.8628, 8.4582

Monochromacy



Original Color

20.4921, 19.1654, 2.6192

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4678, 17.1166, 8.7392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4921, 19.1654, 2.6192 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(161, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 0)  
}
```

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(161, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.4921, 19.1654, 2.6192 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(161, 112, 0) }
```


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

```
.border{ border-color:rgb(161, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4921, 19.1654, 2.6192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 0) }
```

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

```
.background{ background-color: rgb(161,  
112, 0) }
```

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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