

Converting Colors

XYZ(20.6945, 19.2697, 2.6287)

Have a look what the booklet for
XYZ(20.6945, 19.2697, 2.6287)
contains.

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Color

**XYZ(20.6945, 19.2697,
2.6287)**

Conversions

Conversions Part 1

Format	Color
Hex	A27000
RGB	162, 112, 0
RGB Percent	64%, 44%, 0%
CMY	0.3647, 0.5608, 1.0000
CMYK	0.00, 0.31, 1.00, 0.36
HSL	41°, 100%, 32%
HSV	41°, 100%, 64%
XYZ	20.6945, 19.2697, 2.6287
YIQ	114.1820, 65.7520, -24.2320

Conversions

Conversions Part 2

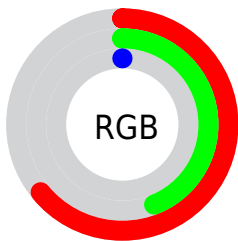
Format	Color
R_{YB}	72, 162, 0
Decimal	10645504
CIE Lab	51.00, 12.00, 57.72
CIE LCh	51, 58.950, 78.255
Yxy	19.2697, 0.4859, 0.4524
Android (android.graphics.Color)	4288835584 (0xFFA27000)
YUV	114.1820, -56.2917, 41.9364
Hunter-Lab	43.8973, 7.3301, 27.1776

Details

The XYZ color **20.6945, 19.2697, 2.6287** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.6623, 4.8900, 34.7223**, and the grayscale version is **16.1996, 17.0433, 18.5601**.

A 20% lighter version of the original color is **44.0197, 42.2932, 10.6938**, and **7.6591, 6.6700, 0.8838** is the 20% darker color. If you saturate the color by 10%, you get **20.6947, 19.2702, 2.6288**, and if you desaturate by 10%, it is **21.3571, 20.4429, 3.3186**.

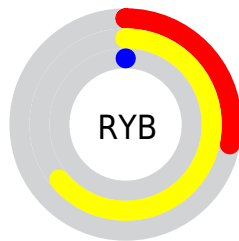
Distribution



Red (64%)

Green (44%)

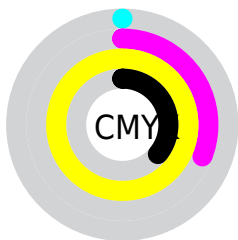
Blue (0%)



Red (28%)

Yellow (64%)

Blue (0%)

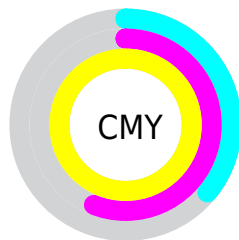


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6945, 19.2697, 2.6287 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 20.6945, 19.2697, 2.6287 by changing the saturation by 10% instead.

■ 20.6945, 19.2697,
2.6287

■ 20.6945, 19.2697,
2.6287

248.4130,
247.9336, 131.4813

■ 13.0121, 11.8653,
0.9072

■ 44.0737, 42.1893,
10.6976

■ 7.5139, 6.6520,
0.0000

■ 60.5011, 58.4734,
17.8832

■ 3.8347, 3.2455,
0.0000

■ 80.5742, 78.4861,
27.7277

■ 1.6090, 1.2612,
0.0000

■ 104.6584,
102.6119, 40.6495

■ 0.3983, 0.1108,
0.0000

■ 133.1191,
131.2351, 57.0672

■ 0.0000, 0.0000,
0.0000

■ 166.3215,

164.7403, 77.3994

204.6310,
203.5116, 102.0646

20.6945, 19.2697,
2.6287

20.6945, 19.2697,
2.6287

20.6947, 19.2702,
2.6288

21.3571, 20.4429,
3.3186

22.1265, 21.7079,
4.4195

23.0362, 23.0795,
6.1030

24.1005, 24.5642,
8.4428

25.3318, 26.1677,
11.5016

■ 26.7410, 27.8951,
15.3347

■ 28.3379, 29.7510,
19.9920

■ 30.1317, 31.7397,
25.5191

■ 32.1308, 33.8653,
31.9584

Harmonies

Analogous

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



26.8437, 19.2697, 4.9825



20.6945, 19.2697, 2.6287



15.0219, 19.2697, 2.8722

Triad

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



20.6945, 19.2697, 2.6287



9.5954, 19.2697, 32.7370



28.0225, 19.2697, 50.4574

Complementary

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



20.6945, 19.2697, 2.6287



7.6623, 4.8900, 34.7223

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.



22.0579, 19.2697, 68.6564



20.6945, 19.2697, 2.6287



11.8166, 19.2697, 55.2298

Square

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



20.6945, 19.2697, 2.6287



9.3828, 19.2697, 15.0986



16.1258, 19.2697, 70.7582



31.6367, 19.2697, 28.2226

Rectangle

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



20.6945, 19.2697, 2.6287



12.2117, 19.2697, 4.5156



16.1258, 19.2697, 70.7582



26.1741, 19.2697, 57.6622

Sweetspot

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



20.6949, 19.2707, 2.6291



51.2696, 53.8110, 35.7657



15.5046, 7.9232, 3.8794



11.2458, 11.7766, 7.2367



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.6949, 19.2707, 2.6291



37.3803, 34.6045, 4.7092



22.4832, 30.7704, 4.7545



7.4641, 7.8666, 7.5051



16.3433, 15.2604, 2.0842



0.3823, 0.3984, 0.0568

Inverse Universe

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



7.6623, 4.8900, 34.7223



13.7483, 8.5533, 62.9825



7.0485, 2.8804, 34.3668



6.8705, 7.2000, 8.9307



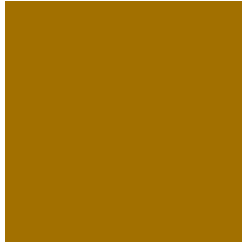
6.0709, 3.9212, 27.3667



0.1678, 0.1628, 0.5884

Previews

White Background



This preview shows how the XYZ color 20.6945, 19.2697, 2.6287 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 20.6945, 19.2697, 2.6287 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 20.6945, 19.2697, 2.6287

Background



This preview shows how black text looks on a background with the XYZ color 20.6945, 19.2697, 2.6287.



This preview shows how white text looks on a background with the XYZ color 20.6945, 19.2697,

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

20.6945, 19.2697, 2.6287

Protanopia

17.4956, 19.3443, 3.0989

Deuteranopia

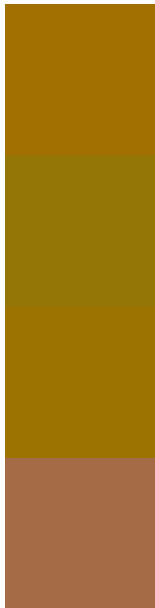
19.5718, 19.3608, 2.7055



Tritanopia

23.8113, 19.2860, 17.7968

Trichromacy



Original Color

20.6945, 19.2697, 2.6287

Protanomaly

18.5439, 19.1731, 2.8957

Deuteranomaly

20.0354, 19.4296, 2.6943

Tritanomaly

21.9121, 18.9697, 8.4679

Monochromacy



Original Color

20.6945, 19.2697, 2.6287

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 20.6945, 19.2697, 2.6287 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(162, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.6945, 19.2697, 2.6287 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(162, 112, 0) }
```


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

```
.border{ border-color:rgb(162, 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(162, 112, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(162, 112,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6945, 19.2697, 2.6287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 112, 0) }
```

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

```
.background{ background-color: rgb(162,  
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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