

Converting Colors

XYZ(20.5267, 21.6224, 4.6818)

Have a look what the booklet for
XYZ(20.5267, 21.6224, 4.6818)
contains.

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Color

**XYZ(20.5267, 21.6224,
4.6818)**

Conversions

Conversions Part 1

Format	Color
Hex	977E23
RGB	151, 126, 35
RGB Percent	59%, 49%, 14%
CMY	0.4078, 0.5059, 0.8627
CMYK	0.00, 0.17, 0.77, 0.41
HSL	47°, 62%, 36%
HSV	47°, 77%, 59%
XYZ	20.5267, 21.6224, 4.6818
YIQ	123.1010, 44.1110, -23.0010

Conversions

Conversions Part 2

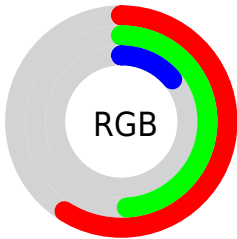
Format	Color
R_{YB}	67, 151, 35
Decimal	9928227
CIE _{Lab}	53.62, -0.12, 49.97
CIE _{LCh}	54, 49.974, 90.138
Yxy	21.6224, 0.4383, 0.4617
Android (android.graphics.Color)	4288118307 (0xFF977E23)
YUV	123.1010, -43.4338, 24.4674
Hunter-Lab	46.4999, -2.5786, 26.5804

Details

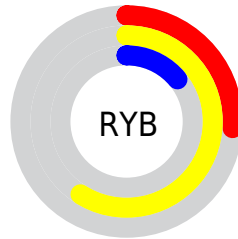
The XYZ color **20.5267, 21.6224, 4.6818** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.8949, 5.8233, 29.9857**, and the grayscale version is **18.9894, 19.9783, 21.7564**.

A 20% lighter version of the original color is **43.6531, 45.9388, 15.5831**, and **7.4777, 7.7946, 1.1104** is the 20% darker color. If you saturate the color by 10%, you get **19.9398, 20.7335, 3.6084**, and if you desaturate by 10%, it is **21.2246, 22.5790, 6.2689**.

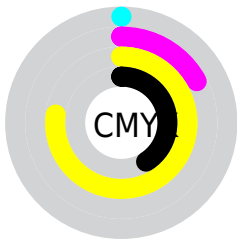
Distribution



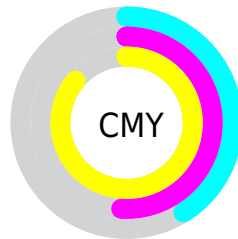
- Red (59%)
- Green (49%)
- Blue (14%)



- Red (26%)
- Yellow (59%)
- Blue (14%)



- Cyan (0%)
- Magenta (17%)
- Yellow (77%)
- Black (41%)



- Cyan (41%)
- Magenta (51%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5267, 21.6224, 4.6818 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 20.5267, 21.6224, 4.6818 by changing the saturation by 10% instead.

■ 20.5267, 21.6224,
4.6818

■ 20.5267, 21.6224,
4.6818

247.5319,
260.5680, 155.5263

■ 12.8890, 13.5797,
2.0064

■ 43.7957, 46.1211,
15.5539

■ 7.4286, 7.8289,
0.5592

■ 60.1577, 63.3459,
24.5877

■ 3.7803, 3.9857,
0.0000

■ 80.1585, 84.4002,
36.5780

■ 1.5786, 1.6656,
0.0000

■ 104.1635,
109.6684, 51.9434

■ 0.3784, 0.4012,
0.0000

■ 132.5379,
139.5349, 71.1024

■ 0.0000, 0.0000,
0.0000

■ 165.6473,

174.3840, 94.4735

203.8568,
214.6003, 122.4753

■ 20.5267, 21.6224,
4.6818

■ 20.5267, 21.6224,
4.6818

■ 19.9398, 20.7335,
3.6084

■ 21.2246, 22.5790,
6.2689

■ 19.4448, 19.9020,
2.9546

■ 22.0432, 23.6050,
8.4264

■ 19.2953, 19.6451,
2.7749

■ 22.9927, 24.7053,
11.2051

■ 24.0817, 25.8837,
14.6496

■ 25.3180, 27.1434,
18.8007

■ 26.7088, 28.4875,
23.6956

■ 28.2607, 29.9190,
29.3690

■ 29.9802, 31.4405,
35.8535

■ 31.8731, 33.0545,
43.1798

Harmonies

Analogous

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



26.0990, 21.6224, 6.1418



20.5267, 21.6224, 4.6818



15.8155, 21.6224, 6.1708

Triad

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



20.5267, 21.6224, 4.6818



12.8897, 21.6224, 41.6072



30.8029, 21.6224, 41.4280

Complementary

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



20.5267, 21.6224, 4.6818



7.8949, 5.8233, 29.9857

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.



26.1493, 21.6224, 59.2259



20.5267, 21.6224, 4.6818



15.8516, 21.6224, 59.3571

Square

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



20.5267, 21.6224, 4.6818



11.8993, 21.6224, 23.6141



20.5762, 21.6224, 66.8864



32.6229, 21.6224, 23.4723

Rectangle

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



20.5267, 21.6224, 4.6818



13.6351, 21.6224, 9.2785



20.5762, 21.6224, 66.8864



29.4825, 21.6224, 47.8650

Sweetspot

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



20.5272, 21.6234, 4.6822



46.1470, 49.4024, 36.4623



14.1827, 8.1092, 5.1115



10.3057, 11.0487, 7.6528



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.5272, 21.6234, 4.6822



35.0765, 36.0774, 5.5937



18.8593, 26.1152, 5.6371



6.5959, 6.9969, 6.6087



16.4364, 16.7553, 2.3678



0.2709, 0.3008, 0.0438

Inverse Universe

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



7.8949, 5.8233, 29.9857



11.5612, 6.8067, 53.1381



8.5618, 4.6608, 29.7262



5.9870, 6.2315, 7.8162



5.2220, 2.8406, 25.1808



0.1009, 0.0881, 0.3841

Previews

White Background



This preview shows how the XYZ color 20.5267, 21.6224, 4.6818 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 20.5267, 21.6224, 4.6818 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 20.5267, 21.6224, 4.6818

Background



This preview shows how black text looks on a background with the XYZ color 20.5267, 21.6224, 4.6818.



This preview shows how white text looks on a background with the XYZ color 20.5267, 21.6224,

4.6818.

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

20.5267, 21.6224, 4.6818

Protanopia

19.6703, 21.7572, 4.8319

Deuteranopia

21.9914, 21.6297, 4.7661



Tritanopia

24.2138, 21.6573, 22.9827

Trichromacy



Original Color

20.5267, 21.6224, 4.6818

Protanomaly

20.0702, 21.7688, 4.8130

Deuteranomaly

21.3060, 21.4614, 4.6886

Tritanomaly

22.3753, 21.4515, 13.5509

Monochromacy



Original Color

20.5267, 21.6224, 4.6818

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7688, 20.1572, 12.7990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5267, 21.6224, 4.6818 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(151, 126, 35)` looks like.

```
.text, #text, p{  
    color:rgb(151, 126, 35)  
}
```

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(151, 126, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 126, 35) }
```

Border

The CSS property to change the border of an element to XYZ 20.5267, 21.6224, 4.6818 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(151, 126, 35) }
```


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

```
.border{ border-color:rgb(151, 126, 35) }
```

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

Here you see how a box with a 4 pixel rgb(151, 126, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 126, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 126, 35);  
box-shadow:4px 4px 4px 4px rgb(151, 126,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5267, 21.6224, 4.6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 126, 35) }
```

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

```
.background{ background-color: rgb(151,  
126, 35) }
```

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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