

Converting Colors

XYZ(21.6262, 26.2414, 4.7333)

Have a look what the booklet for
XYZ(21.6262, 26.2414, 4.7333)
contains.

XYZ(21.6077, 26.1523, 4.7197)	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(21.6077, 26.1523,
4.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9117
RGB	143, 145, 23
RGB Percent	56%, 57%, 9%
CMY	0.4392, 0.4314, 0.9098
CMYK	0.01, 0.00, 0.84, 0.43
HSL	61°, 73%, 33%
HSV	61°, 84%, 57%
XYZ	21.6077, 26.1523, 4.7197
YIQ	130.4940, 37.9700, -38.3660

Conversions

Conversions Part 2

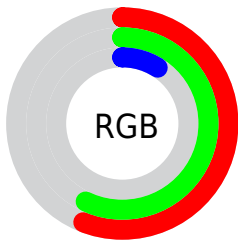
Format	Color
R _Y B	23, 145, 25
Decimal	9408791
CIE Lab	58.18, -14.59, 57.64
CIE LCh	58, 59.460, 104.202
Yxy	26.1523, 0.4117, 0.4983
Android (android.graphics.Color)	4287598871 (0xFF8F9117)
YUV	130.4940, -52.9945, 10.9678
Hunter-Lab	51.1393, -14.0729, 30.3256

Details

The XYZ color **21.6077, 26.1523, 4.7197** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.8189, 2.8644, 27.0359**, and the grayscale version is **21.5670, 22.6902, 24.7096**.

A 20% lighter version of the original color is **45.7280, 53.7203, 15.7435**, and **8.2120, 10.3083, 1.5569** is the 20% darker color. If you saturate the color by 10%, you get **21.4590, 26.0890, 4.1490**, and if you desaturate by 10%, it is **21.8368, 26.2497, 5.7081**.

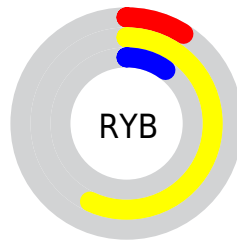
Distribution



Red (56%)

Green (57%)

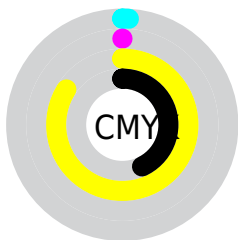
Blue (9%)



Red (9%)

Yellow (57%)

Blue (10%)

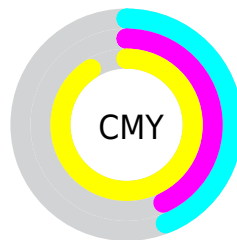


Cyan (1%)

Magenta (0%)

Yellow (84%)

Black (43%)



Cyan (44%)

Magenta (43%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6077, 26.1523, 4.7197 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 21.6077, 26.1523, 4.7197 by changing the saturation by 10% instead.

■ 21.6077, 26.1523,
4.7197

■ 21.6077, 26.1523,
4.7197

253.1617,
283.5289, 155.9173

■ 13.6839, 16.9376,
2.0279

■ 45.5804, 53.5205,
15.6383

■ 7.9814, 10.1900,
0.5724

■ 62.3601, 72.4429,
24.7021

■ 4.1347, 5.5251,
0.0000

■ 82.8225, 95.3699,
36.7271

■ 1.7786, 2.5585,
0.0000

■ 107.3328,
122.6860, 52.1317

■ 0.5048, 0.9059,
0.0000

■ 136.2566,
154.7755, 71.3344

■ 0.0000, 0.0000,
0.0000

■ 169.9591,

192.0229, 94.7539

208.8057,
234.8126, 122.8087

21.6077, 26.1523,
4.7197

21.6077, 26.1523,
4.7197

21.4590, 26.0890,
4.1490

21.8368, 26.2497,
5.7081

21.3882, 26.0579,
3.9024

22.1563, 26.3823,
7.1743

22.5762, 26.5550,
9.1689

23.1048, 26.7713,
11.7359

23.7498, 27.0341,
14.9146

■ 24.5177, 27.3461,
18.7407

■ 25.4150, 27.7098,
23.2473

■ 26.4474, 28.1276,
28.4653

■ 27.6205, 28.6017,
34.4236

Harmonies

Analogous

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



28.8267, 26.1523, 4.8067



21.6077, 26.1523, 4.7197



16.3882, 26.1523, 8.4391

Triad

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



21.6077, 26.1523, 4.7197



16.1821, 26.1523, 66.1081



40.7304, 26.1523, 40.7141

Complementary

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



21.6077, 26.1523, 4.7197



5.8189, 2.8644, 27.0359

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.



35.8327, 26.1523, 67.4897



21.6077, 26.1523, 4.7197



21.2695, 26.1523, 86.3340

Square

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



21.6077, 26.1523, 4.7197



13.6914, 26.1523, 39.3724



28.4167, 26.1523, 86.9354



40.8696, 26.1523, 19.8010

Rectangle

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



21.6077, 26.1523, 4.7197



14.3455, 26.1523, 14.4525



28.4167, 26.1523, 86.9354



39.5491, 26.1523, 49.4924

Sweetspot

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



21.6083, 26.1535, 4.7202



43.7005, 48.8868, 32.5374



12.1390, 6.6951, 1.4635



9.6229, 10.8353, 6.7455



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.6083, 26.1535, 4.7202



38.2855, 46.6552, 6.9875



13.9374, 22.1990, 4.3612



5.8309, 6.2810, 5.7944



18.3465, 22.3506, 3.3471



0.1772, 0.2146, 0.0321

Inverse Universe

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



5.8189, 2.8644, 27.0359



9.1916, 3.6811, 48.1996



9.0743, 4.5426, 27.1883



5.1373, 5.2590, 6.7731



4.4116, 1.7678, 23.0858



0.0435, 0.0176, 0.2208

Previews

White Background



This preview shows how the XYZ color 21.6077, 26.1523, 4.7197 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 21.6077, 26.1523, 4.7197 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 21.6077, 26.1523, 4.7197

Background



This preview shows how black text looks on a background with the XYZ color 21.6077, 26.1523, 4.7197.



This preview shows how white text looks on a background with the XYZ color 21.6077, 26.1523,

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

21.6077, 26.1523, 4.7197

Protanopia

23.6235, 26.0832, 4.5485

Deuteranopia

26.5393, 26.1041, 4.9361



Tritanopia

26.9117, 26.1446, 30.4161

Trichromacy



Original Color

21.6077, 26.1523, 4.7197

Protanomaly

22.9547, 26.1762, 4.6017

Deuteranomaly

24.4651, 25.8677, 4.8021

Tritanomaly

23.9760, 25.7944, 16.0271

Monochromacy



Original Color

21.6077, 26.1523, 4.7197

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5440, 23.2342, 13.2994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6077, 26.1523, 4.7197 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(143, 145, 23)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 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(143, 145, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 23) }
```

Border

The CSS property to change the border of an element to XYZ 21.6077, 26.1523, 4.7197 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(143, 145, 23) }
```


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

```
.border{ border-color:rgb(143, 145, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 145, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 23);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6077, 26.1523, 4.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 23) }
```

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

```
.background{ background-color: rgb(143,  
145, 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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