

Converting Colors

XYZ(21.5291, 25.6322, 3.8128)

Have a look what the booklet for
XYZ(21.5291, 25.6322, 3.8128)
contains.

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Color

**XYZ(21.4995, 25.6647,
3.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	918F00
RGB	145, 143, 0
RGB Percent	57%, 56%, 0%
CMY	0.4314, 0.4392, 1.0000
CMYK	0.00, 0.01, 1.00, 0.43
HSL	59°, 100%, 28%
HSV	59°, 100%, 57%
XYZ	21.4995, 25.6647, 3.8206
YIQ	127.2960, 47.0950, -44.0490

Conversions

Conversions Part 2

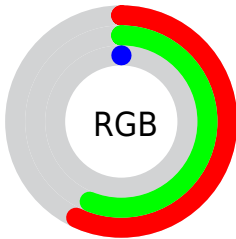
Format	Color
R_YB	2, 145, 0
Decimal	9539328
CIE _{Lab}	57.72, -13.10, 61.62
CIE _{LCh}	58, 62.999, 102.000
Y _{xy}	25.6647, 0.4217, 0.5034
Android (android.graphics.Color)	4287729408 (0xFF918F00)
YUV	127.2960, -62.7569, 15.5264
Hunter-Lab	50.6603, -12.9028, 30.9908

Details

The XYZ color **21.4995, 25.6647, 3.8206** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.1327, 2.0879, 26.9202**, and the grayscale version is **20.4737, 21.5399, 23.4569**.

A 20% lighter version of the original color is **45.2025, 52.4786, 13.5413**, and **8.1308, 10.0024, 1.5021** is the 20% darker color. If you saturate the color by 10%, you get **21.5000, 25.6658, 3.8208**, and if you desaturate by 10%, it is **21.6128, 25.7590, 4.2667**.

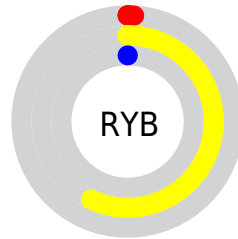
Distribution



Red (57%)

Green (56%)

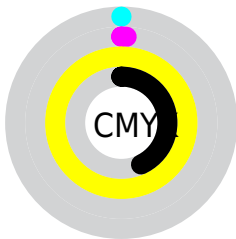
Blue (0%)



Red (1%)

Yellow (57%)

Blue (0%)

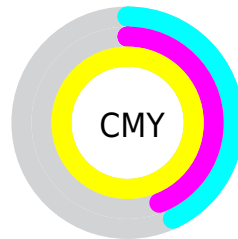


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (43%)



Cyan (43%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4995, 25.6647, 3.8206 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 21.4995, 25.6647, 3.8206 by changing the saturation by 10% instead.

■ 21.4995, 25.6647,
3.8206

■ 21.4995, 25.6647,
3.8206

252.6031,
281.1322, 146.2100

■ 13.6041, 16.5730,
1.5275

■ 45.4024, 52.7335,
13.5939

■ 7.9257, 9.9305,
0.2382

■ 62.1407, 71.4794,
21.9110

■ 4.0989, 5.3529,
0.0000

■ 82.5573, 94.2121,
33.0733

■ 1.7582, 2.4558,
0.0000

■ 107.0176,
121.3161, 47.4992


■ 0.4923, 0.8544,
0.0000


■ 135.8870,
153.1757, 65.6073


■ 0.0000, 0.0000,
0.0000

■ 169.5308,


190.1753, 87.8161


 208.3144,
232.6994, 114.5441


 21.4995, 25.6647,
3.8206


 21.4995, 25.6647,
3.8206


 21.5000, 25.6658,
3.8208

 21.6128, 25.7590,
4.2667

 21.7819, 25.8747,
5.0093

 22.0356, 26.0243,
6.1966

 22.3842, 26.2119,
7.8839

 22.8369, 26.4413,
10.1184

■ 23.4014, 26.7155,
12.9421

■ 24.0850, 27.0374,
16.3925

■ 24.8943, 27.4097,
20.5043

■ 25.8353, 27.8348,
25.3097

Harmonies

Analogous

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



29.1574, 25.6647, 4.1272



21.4995, 25.6647, 3.8206



15.9159, 25.6647, 7.0424

Triad

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



21.4995, 25.6647, 3.8206



15.1217, 25.6647, 65.9908



40.9583, 25.6647, 42.8524

Complementary

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



21.4995, 25.6647, 3.8206



5.1327, 2.0879, 26.9202

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.



35.4471, 25.6647, 71.5963



21.4995, 25.6647, 3.8206



20.1790, 25.6647, 89.0218

Square

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



21.4995, 25.6647, 3.8206



12.7757, 25.6647, 37.5050



27.5363, 25.6647, 91.4813



41.5161, 25.6647, 20.1647

Rectangle

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



21.4995, 25.6647, 3.8206



13.6944, 25.6647, 12.6238



27.5363, 25.6647, 91.4813



39.5781, 25.6647, 52.3444

Sweetspot

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



21.5001, 25.6659, 3.8211



43.0493, 48.3816, 28.9317



11.6903, 6.0252, 0.6165



9.4701, 10.7131, 5.8971



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.



21.5001, 25.6659, 3.8211



38.4927, 45.9420, 6.8389



13.0208, 21.7433, 3.5109



5.8333, 6.2729, 5.7927



18.4432, 22.0180, 3.2778



0.1777, 0.2131, 0.0318

Inverse Universe

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



5.1327, 2.0879, 26.9202



9.1809, 3.7175, 48.2072



7.6430, 3.3499, 27.0315



5.1352, 5.2661, 6.7746



4.4039, 1.7939, 23.0912



0.0431, 0.0190, 0.2211

Previews

White Background



This preview shows how the XYZ color 21.4995, 25.6647, 3.8206 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 21.4995, 25.6647, 3.8206 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 21.4995, 25.6647, 3.8206

Background



This preview shows how black text looks on a background with the XYZ color 21.4995, 25.6647, 3.8206.



This preview shows how white text looks on a background with the XYZ color 21.4995, 25.6647,

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

21.4995, 25.6647, 3.8206

Protanopia

23.1372, 25.6333, 3.7283

Deuteranopia

26.0658, 25.6706, 4.2906



Tritanopia

26.6719, 25.6283, 29.5276

Trichromacy



Original Color

21.4995, 25.6647, 3.8206

Protanomaly

22.5150, 25.5285, 3.7408

Deuteranomaly

24.1866, 25.5299, 4.0338

Tritanomaly

23.5965, 25.2260, 13.5230

Monochromacy



Original Color

21.4995, 25.6647, 3.8206

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.7042, 22.4375, 11.0769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4995, 25.6647, 3.8206 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(145, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(145, 143, 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(145, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 143, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.4995, 25.6647, 3.8206 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(145, 143, 0) }
```


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

```
.border{ border-color:rgb(145, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(145, 143,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4995, 25.6647, 3.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 143, 0) }
```

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

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