

Converting Colors

XYZ(21.7616, 26.1641, 4.2987)

Have a look what the booklet for
XYZ(21.7616, 26.1641, 4.2987)
contains.

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Color

**XYZ(21.8751, 26.2996,
4.3042)**

Conversions

Conversions Part 1

Format	Color
Hex	91910D
RGB	145, 145, 13
RGB Percent	57%, 57%, 5%
CMY	0.4314, 0.4314, 0.9490
CMYK	0.00, 0.00, 0.91, 0.43
HSL	60°, 84%, 31%
HSV	60°, 91%, 57%
XYZ	21.8751, 26.2996, 4.3042
YIQ	129.9520, 42.3720, -41.0520

Conversions

Conversions Part 2

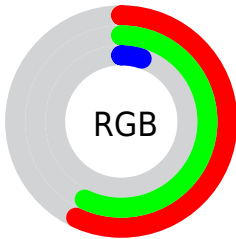
Format	Color
RYB	13, 145, 13
Decimal	9539853
CIELab	58.32, -13.93, 60.01
CIELCh	58, 61.604, 103.072
Yxy	26.2996, 0.4168, 0.5011
Android (android.graphics.Color)	4287729933 (0xFF91910D)
YUV	129.9520, -57.6573, 13.1971
Hunter-Lab	51.2831, -13.6053, 30.9220

Details

The XYZ color **21.8751, 26.2996, 4.3042** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.4214, 2.4183, 26.9708**, and the grayscale version is **21.3892, 22.5031, 24.5058**.

A 20% lighter version of the original color is **46.0851, 53.9252, 14.8171**, and **8.3087, 10.3581, 1.5614** is the 20% darker color. If you saturate the color by 10%, you get **21.8029, 26.2717, 3.9218**, and if you desaturate by 10%, it is **22.0069, 26.3533, 4.9950**.

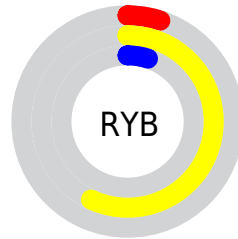
Distribution



Red (57%)

Green (57%)

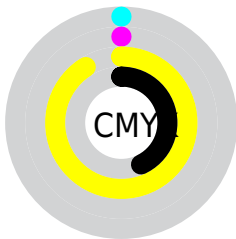
Blue (5%)



Red (5%)

Yellow (57%)

Blue (5%)

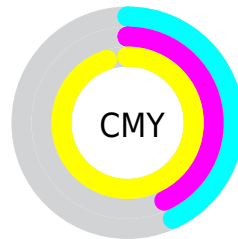


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (43%)



Cyan (43%)

Magenta (43%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8751, 26.2996, 4.3042 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 21.8751, 26.2996, 4.3042 by changing the saturation by 10% instead.

■ 21.8751, 26.2996,
4.3042

■ 21.8751, 26.2996,
4.3042

254.5380,
284.2497, 151.5488

■ 13.8812, 17.0479,
1.7937

■ 46.0199, 53.7579,
14.7055

■ 8.1193, 10.2687,
0.4238

■ 62.9015, 72.7333,
23.4333

■ 4.2238, 5.5774,
0.0000

■ 83.4764, 95.7187,
35.0706

■ 1.8295, 2.5899,
0.0000

■ 108.1100,
123.0985, 50.0360

■ 0.5354, 0.9216,
0.0000

■ 137.1676,
155.2571, 68.7480

■ 0.0000, 0.0000,
0.0000

■ 171.0145,

192.5789, 91.6251

210.0162,
235.4483, 119.0858

21.8751, 26.2996,
4.3042

21.8751, 26.2996,
4.3042

21.8029, 26.2717,
3.9218

22.0069, 26.3533,
4.9950

22.2213, 26.4391,
6.1237

22.5297, 26.5624,
7.7470

22.9411, 26.7270,
9.9131

23.4636, 26.9360,
12.6641

■ 24.1044, 27.1924,
16.0382

■ 24.8702, 27.4987,
20.0704

■ 25.7671, 27.8575,
24.7928

■ 26.8008, 28.2710,
30.2358

Harmonies

Analogous

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



29.4355, 26.2996, 4.5108



21.8751, 26.2996, 4.3042



16.3853, 26.2996, 7.8207

Triad

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



21.8751, 26.2996, 4.3042



15.8729, 26.2996, 67.1149



41.4871, 26.2996, 42.4235

Complementary

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



21.8751, 26.2996, 4.3042



5.4214, 2.4183, 26.9708

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.



36.1954, 26.2996, 70.6425



21.8751, 26.2996, 4.3042



21.0287, 26.2996, 89.1063

Square

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



21.8751, 26.2996, 4.3042



13.4166, 26.2996, 39.0296



28.4026, 26.2996, 90.6483



41.8402, 26.2996, 20.2735

Rectangle

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



21.8751, 26.2996, 4.3042



14.2179, 26.2996, 13.7084



28.4026, 26.2996, 90.6483



40.1851, 26.2996, 51.7079

Sweetspot

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



21.8757, 26.3008, 4.3047



43.6140, 48.8743, 31.0853



11.8946, 6.3373, 0.9775



9.6158, 10.8379, 6.4592



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.



21.8757, 26.3008, 4.3047



39.0434, 47.0459, 7.0230



13.4238, 21.9437, 3.9092



5.8395, 6.2854, 5.7948



18.7000, 22.5328, 3.3637



0.1788, 0.2154, 0.0322

Inverse Universe

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



5.4214, 2.4183, 26.9708



9.1529, 3.6612, 48.1978



8.4803, 3.9952, 27.1139



5.1296, 5.2550, 6.7727



4.3838, 1.7535, 23.0845



0.0419, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 21.8751, 26.2996, 4.3042 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 21.8751, 26.2996, 4.3042 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 21.8751, 26.2996, 4.3042

Background



This preview shows how black text looks on a background with the XYZ color 21.8751, 26.2996, 4.3042.



This preview shows how white text looks on a background with the XYZ color 21.8751, 26.2996,

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

21.8751, 26.2996, 4.3042

Protanopia

23.6858, 26.3430, 4.1529

Deuteranopia

26.6945, 26.1924, 4.5684



Tritanopia

27.2924, 26.3408, 30.4339

Trichromacy



Original Color

21.8751, 26.2996, 4.3042

Protanomaly

22.8762, 26.1449, 4.1886

Deuteranomaly

24.5981, 25.9448, 4.4209

Tritanomaly

24.1528, 25.9076, 15.0369

Monochromacy



Original Color

21.8751, 26.2996, 4.3042

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.3759, 23.1670, 12.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8751, 26.2996, 4.3042 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, 145, 13)` looks like.

```
.text, #text, p{  
    color:rgb(145, 145, 13)  
}
```

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, 145, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 145, 13) }
```

Border

The CSS property to change the border of an element to XYZ 21.8751, 26.2996, 4.3042 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, 145, 13) }
```


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

```
.border{ border-color:rgb(145, 145, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 145, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 145, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 145, 13);  
box-shadow:4px 4px 4px 4px rgb(145, 145,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8751, 26.2996, 4.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 145, 13) }
```

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

```
.background{ background-color: rgb(145,  
145, 13) }
```

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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