

Converting Colors

XYZ(21.0221, 27.1311, 4.2753)

Have a look what the booklet for
XYZ(21.0221, 27.1311, 4.2753)
contains.

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Color

**XYZ(20.9254, 26.9745,
4.2473)**

Conversions

Conversions Part 1

Format	Color
Hex	879605
RGB	135, 150, 5
RGB Percent	53%, 59%, 2%
CMY	0.4706, 0.4117, 0.9803
CMYK	0.10, 0.00, 0.97, 0.41
HSL	66°, 94%, 30%
HSV	66°, 97%, 59%
XYZ	20.9254, 26.9745, 4.2473
YIQ	128.9850, 37.6050, -48.2750

Conversions

Conversions Part 2

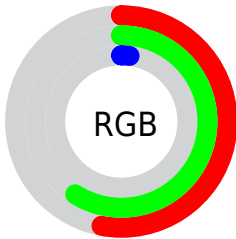
Format	Color
RYB	5, 150, 20
Decimal	8885765
CIELab	58.95, -21.15, 61.40
CIELCh	59, 64.937, 109.008
Yxy	26.9745, 0.4013, 0.5173
Android (android.graphics.Color)	4287075845 (0xFF879605)
YUV	128.9850, -61.1246, 5.2752
Hunter-Lab	51.9370, -18.9721, 31.5073

Details

The XYZ color **20.9254, 26.9745, 4.2473** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.8486, 2.4598, 29.0223**, and the grayscale version is **21.0603, 22.1571, 24.1290**.

A 20% lighter version of the original color is **44.5337, 54.8732, 14.5477**, and **7.8552, 10.6730, 1.6461** is the 20% darker color. If you saturate the color by 10%, you get **20.8153, 26.9218, 4.0994**, and if you desaturate by 10%, it is **21.2765, 27.1450, 4.7805**.

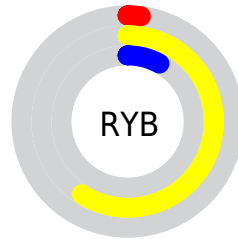
Distribution



Red (53%)

Green (59%)

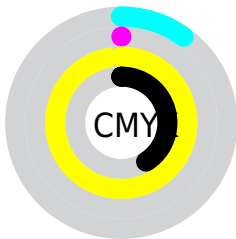
Blue (2%)



Red (2%)

Yellow (59%)

Blue (8%)

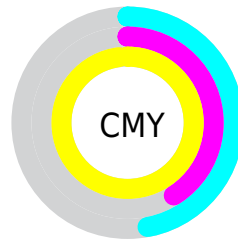


Cyan (10%)

Magenta (0%)

Yellow (97%)

Black (41%)



Cyan (47%)

Magenta (41%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9254, 26.9745, 4.2473 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 20.9254, 26.9745, 4.2473 by changing the saturation by 10% instead.

■ 20.9254, 26.9745,
4.2473

■ 20.9254, 26.9745,
4.2473

249.6210,
287.5336, 150.9357

■ 13.1816, 17.5541,
1.7620

■ 44.4556, 54.8429,
14.5762

■ 7.6316, 10.6303,
0.4027

■ 60.9727, 74.0598,
23.2569

■ 3.9099, 5.8188,
0.0000

■ 81.1449, 97.3108,
34.8397

■ 1.6513, 2.7352,
0.0000

■ 105.3377,
124.9805, 49.7433


■ 0.4255, 0.9951,
0.0000


■ 133.9163,
157.4532, 68.3861


■ 0.0000, 0.0000,
0.0000


■ 167.2462,


195.1134, 91.1868


 205.6926,
238.3454, 118.5638


 20.9254, 26.9745,
4.2473


 20.9254, 26.9745,
4.2473

 20.8153, 26.9218,
4.0994

 21.2765, 27.1450,
4.7805

 21.7090, 27.3475,
5.7255

 22.2404, 27.5899,
7.1724

 22.8815, 27.8767,
9.1779

 23.6418, 28.2116,
11.7915

■ 24.5296, 28.5979,
15.0571

■ 25.5524, 29.0387,
19.0144

■ 26.7173, 29.5367,
23.7002

■ 28.0307, 30.0946,
29.1485

Harmonies

Analogous

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



28.7007, 26.9745, 3.8210



20.9254, 26.9745, 4.2473



15.6498, 26.9745, 8.8485

Triad

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



20.9254, 26.9745, 4.2473



16.7756, 26.9745, 77.0707



44.0068, 26.9745, 38.6476

Complementary

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



20.9254, 26.9745, 4.2473



5.8486, 2.4598, 29.0223

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.



39.1681, 26.9745, 69.0398



20.9254, 26.9745, 4.2473



22.8022, 26.9745, 97.8025

Square

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



20.9254, 26.9745, 4.2473



13.6231, 26.9745, 46.2812



31.0108, 26.9745, 94.2733



43.2098, 26.9745, 17.1809

Rectangle

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



20.9254, 26.9745, 4.2473



13.7435, 26.9745, 16.1930



31.0108, 26.9745, 94.2733



42.9511, 26.9745, 48.2590

Sweetspot

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



20.9260, 26.9757, 4.2479



44.5408, 51.0073, 31.3903



12.8475, 6.9786, 0.8138



9.7161, 11.2372, 6.3573



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.9260, 26.9757, 4.2479



36.6461, 47.4640, 7.2300



12.9849, 22.8819, 3.8762



6.2069, 6.7145, 6.2094



17.2785, 22.3352, 3.4005



0.2252, 0.2804, 0.0423

Inverse Universe

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



5.8486, 2.4598, 29.0223



10.0048, 4.0354, 51.1728



9.9741, 4.5866, 29.2154



5.5519, 5.6600, 7.2696



4.7507, 1.9217, 24.0516



0.0691, 0.0292, 0.2949

Previews

White Background



This preview shows how the XYZ color 20.9254, 26.9745, 4.2473 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 20.9254, 26.9745, 4.2473 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 20.9254, 26.9745, 4.2473

Background



This preview shows how black text looks on a background with the XYZ color 20.9254, 26.9745, 4.2473.



This preview shows how white text looks on a background with the XYZ color 20.9254, 26.9745,

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

20.9254, 26.9745, 4.2473

Protanopia

24.1702, 26.8196, 3.9028

Deuteranopia

27.2910, 26.7041, 4.6357



Tritanopia

26.5917, 26.7782, 32.6213

Trichromacy



Original Color

20.9254, 26.9745, 4.2473

Protanomaly

22.8989, 26.8345, 4.0301

Deuteranomaly

24.5915, 26.5864, 4.4078

Tritanomaly

23.1355, 26.2588, 15.1583

Monochromacy



Original Color

20.9254, 26.9745, 4.2473

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.9060, 23.3567, 11.8466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9254, 26.9745, 4.2473 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(135, 150, 5)` looks like.

```
.text, #text, p{  
    color:rgb(135, 150, 5)  
}
```

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(135, 150, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 150, 5) }
```

Border

The CSS property to change the border of an element to XYZ 20.9254, 26.9745, 4.2473 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(135, 150, 5) }
```


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

```
.border{ border-color:rgb(135, 150, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 150, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 150, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 150, 5);  
box-shadow:4px 4px 4px 4px rgb(135, 150,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9254, 26.9745, 4.2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 150, 5) }
```

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

```
.background{ background-color: rgb(135,  
150, 5) }
```

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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