

Converting Colors

XYZ(20.4214, 26.2481, 3.9901)

Have a look what the booklet for
XYZ(20.4214, 26.2481, 3.9901)
contains.

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Color

**XYZ(20.4214, 26.2481,
3.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	869400
RGB	134, 148, 0
RGB Percent	53%, 58%, 0%
CMY	0.4745, 0.4196, 0.9999
CMYK	0.09, 0.00, 1.00, 0.42
HSL	66°, 100%, 29%
HSV	66°, 100%, 58%
XYZ	20.4214, 26.2481, 3.9901
YIQ	126.9420, 39.1640, -48.9960

Conversions

Conversions Part 2

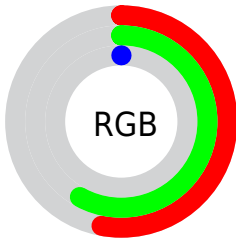
Format	Color
RYB	0, 148, 14
Decimal	8819712
CIELab	58.27, -20.67, 61.62
CIElCh	58, 64.997, 108.541
Yxy	26.2481, 0.4031, 0.5181
Android (android.graphics.Color)	4287009792 (0xFF869400)
YUV	126.9420, -62.5824, 6.1899
Hunter-Lab	51.2329, -18.5076, 31.2454

Details

The XYZ color **20.4214, 26.2481, 3.9901** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.5271, 2.2320, 28.1580**, and the grayscale version is **20.3527, 21.4126, 23.3184**.

A 20% lighter version of the original color is **43.7437, 53.7724, 14.0348**, and **7.5830, 10.2549, 1.5797** is the 20% darker color. If you saturate the color by 10%, you get **20.4217, 26.2492, 3.9903**, and if you desaturate by 10%, it is **20.7316, 26.3991, 4.4479**.

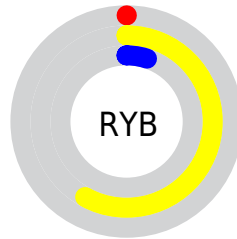
Distribution



Red (53%)

Green (58%)

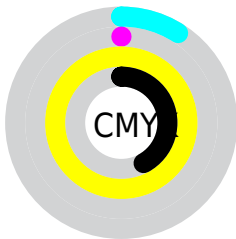
Blue (0%)



Red (0%)

Yellow (58%)

Blue (5%)

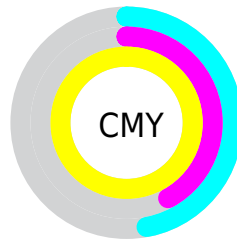


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4214, 26.2481, 3.9901 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 20.4214, 26.2481, 3.9901 by changing the saturation by 10% instead.

■ 20.4214, 26.2481,
3.9901

■ 20.4214, 26.2481,
3.9901

246.9777,
283.9979, 148.1153

■ 12.8118, 17.0093,
1.6199

■ 43.6211, 53.6749,
13.9869

■ 7.3752, 10.2411,
0.3050

■ 59.9420, 72.6318,
22.4506

■ 3.7462, 5.5591,
0.0000

■ 79.8972, 95.5968,
33.7826

■ 1.5596, 2.5789,
0.0000

■ 103.8523,
122.9543, 48.4014


■ 0.3658, 0.9161,
0.0000


■ 132.1725,
155.0888, 66.7255


■ 0.0000, 0.0000,
0.0000


■ 165.2233,


192.3846, 89.1735


 203.3699,
235.2262, 116.1639


 20.4214, 26.2481,
3.9901


 20.4214, 26.2481,
3.9901


 20.4217, 26.2492,
3.9903

 20.7316, 26.3991,
4.4479

 21.1038, 26.5743,
5.2197

 21.5675, 26.7864,
6.4575

 22.1337, 27.0399,
8.2196

 22.8119, 27.3385,
10.5557

■ 23.6105, 27.6856,
13.5100

■ 24.5370, 28.0843,
17.1221

■ 25.5983, 28.5372,
21.4285

■ 26.8009, 29.0470,
26.4628

Harmonies

Analogous

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



28.0904, 26.2481, 3.6273



20.4214, 26.2481, 3.9901



15.2049, 26.2481, 8.3647

Triad

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



20.4214, 26.2481, 3.9901



16.1790, 26.2481, 75.1731



43.0006, 26.2481, 38.1269

Complementary

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



20.4214, 26.2481, 3.9901



5.5271, 2.2320, 28.1580

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.



38.1566, 26.2481, 68.1607



20.4214, 26.2481, 3.9901



22.0492, 26.2481, 95.9666

Square

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



20.4214, 26.2481, 3.9901



13.1364, 26.2481, 44.7714



30.0985, 26.2481, 92.8806



42.3061, 26.2481, 16.8549

Rectangle

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



20.4214, 26.2481, 3.9901



13.3098, 26.2481, 15.4321



30.0985, 26.2481, 92.8806



41.9307, 26.2481, 47.6401

Sweetspot

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



20.4220, 26.2493, 3.9906



43.1859, 49.5051, 29.7879



12.3492, 6.5677, 0.6172



9.7105, 11.2374, 6.2170



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.



20.4220, 26.2493, 3.9906



35.9526, 46.2723, 7.0365



12.5569, 22.1947, 3.6226



6.2119, 6.7171, 6.2096



17.4548, 22.4261, 3.4087



0.2263, 0.2810, 0.0423

Inverse Universe

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



5.5271, 2.2320, 28.1580



9.6828, 3.9021, 49.6774



9.2150, 4.1332, 28.3306



5.5474, 5.6577, 7.2694



4.7322, 1.9121, 24.0507



0.0680, 0.0286, 0.2948

Previews

White Background



This preview shows how the XYZ color 20.4214, 26.2481, 3.9901 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



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 20.4214, 26.2481, 3.9901

Background



This preview shows how black text looks on a background with the XYZ color 20.4214, 26.2481, 3.9901.



This preview shows how white text looks on a background with the XYZ color 20.4214, 26.2481,

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

20.4214, 26.2481, 3.9901

Protanopia

23.4786, 26.0253, 3.7859

Deuteranopia

26.6945, 26.1924, 4.5684



Tritanopia

26.1108, 26.3348, 31.7239

Trichromacy



Original Color

20.4214, 26.2481, 3.9901

Protanomaly

22.2169, 26.0345, 3.8542

Deuteranomaly

23.8799, 25.7914, 4.2098

Tritanomaly

22.6779, 25.8169, 14.3776

Monochromacy



Original Color

20.4214, 26.2481, 3.9901

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.3551, 22.6679, 11.1398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4214, 26.2481, 3.9901 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(134, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 148, 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(134, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 148, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.4214, 26.2481, 3.9901 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(134, 148, 0) }
```


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

```
.border{ border-color:rgb(134, 148, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 148, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 148,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4214, 26.2481, 3.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 148, 0) }
```

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

```
.background{ background-color: rgb(134,  
148, 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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