

Converting Colors

XYZ(21.4659, 26.7633, 4.0345)

Have a look what the booklet for
XYZ(21.4659, 26.7633, 4.0345)
contains.

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Color

**XYZ(21.4051, 26.7553,
4.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9400
RGB	140, 148, 0
RGB Percent	55%, 58%, 0%
CMY	0.4510, 0.4196, 1.0000
CMYK	0.05, 0.00, 1.00, 0.42
HSL	63°, 100%, 29%
HSV	63°, 100%, 58%
XYZ	21.4051, 26.7553, 4.0361
YIQ	128.7360, 42.7400, -47.7240

Conversions

Conversions Part 2

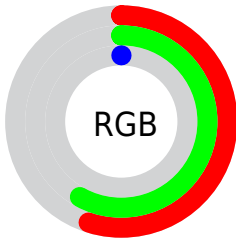
Format	Color
RYB	0, 148, 8
Decimal	9212928
CIELab	58.75, -17.98, 62.19
CIELCh	59, 64.737, 106.128
Yxy	26.7553, 0.4101, 0.5126
Android (android.graphics.Color)	4287403008 (0xFF8C9400)
YUV	128.7360, -63.4668, 9.8785
Hunter-Lab	51.7255, -16.6527, 31.5815

Details

The XYZ color **21.4051, 26.7553, 4.0361** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.4461, 2.1902, 28.1544**, and the grayscale version is **20.9794, 22.0720, 24.0364**.

A 20% lighter version of the original color is **45.2838, 54.5663, 14.1069**, and **8.2054, 10.7138, 1.6355** is the 20% darker color. If you saturate the color by 10%, you get **21.4055, 26.7565, 4.0363**, and if you desaturate by 10%, it is **21.6259, 26.8603, 4.4897**.

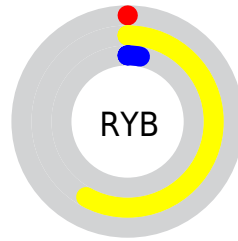
Distribution



Red (55%)

Green (58%)

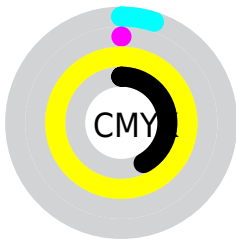
Blue (0%)



Red (0%)

Yellow (58%)

Blue (3%)

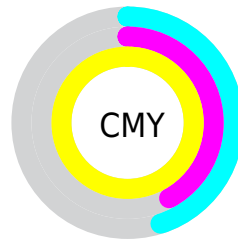


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (45%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4051, 26.7553, 4.0361 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 21.4051, 26.7553, 4.0361 by changing the saturation by 10% instead.

■ 21.4051, 26.7553,
4.0361

■ 21.4051, 26.7553,
4.0361

252.1148,
286.4704, 148.6258

■ 13.5346, 17.3895,
1.6452

■ 45.2470, 54.4910,
14.0929

■ 7.8772, 10.5126,
0.3227

■ 61.9491, 73.6296,
22.5959

■ 4.0676, 5.7401,
0.0000

■ 82.3257, 96.7947,
33.9733

■ 1.7405, 2.6877,
0.0000

■ 106.7422,
124.3706, 48.6437

■ 0.4814, 0.9710,
0.0000

■ 135.5641,
156.7418, 67.0256

■ 0.0000, 0.0000,
0.0000

■ 169.1565,

194.2925, 89.5376

207.8850,
237.4072, 116.5981

21.4051, 26.7553,
4.0361

21.4051, 26.7553,
4.0361

21.4055, 26.7565,
4.0363

21.6259, 26.8603,
4.4897

21.9069, 26.9884,
5.2571

22.2772, 27.1524,
6.4905

22.7481, 27.3568,
8.2481

23.3290, 27.6052,
10.5797

■ 24.0282, 27.9011,
13.5293

■ 24.8533, 28.2475,
17.1366

■ 25.8112, 28.6471,
21.4380

■ 26.9084, 29.1025,
26.4674

Harmonies

Analogous

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



29.2851, 26.7553, 3.9175



21.4051, 26.7553, 4.0361



15.9029, 26.7553, 8.0695

Triad

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



21.4051, 26.7553, 4.0361



16.2171, 26.7553, 73.6241



43.4039, 26.7553, 40.9756

Complementary

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



21.4051, 26.7553, 4.0361



5.4461, 2.1902, 28.1544

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.



38.1587, 26.7553, 71.3788



21.4051, 26.7553, 4.0361



21.9292, 26.7553, 95.9168

Square

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



21.4051, 26.7553, 4.0361



13.3639, 26.7553, 43.1083



29.9305, 26.7553, 94.9298



43.1811, 26.7553, 18.5592

Rectangle

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



21.4051, 26.7553, 4.0361



13.8303, 26.7553, 14.7326



29.9305, 26.7553, 94.9298



42.1812, 26.7553, 50.7547

Sweetspot

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



21.4057, 26.7565, 4.0367



43.7549, 49.7985, 29.8145



12.2940, 6.4572, 0.5987



9.8561, 11.3125, 6.2238



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.



21.4057, 26.7565, 4.0367



37.7192, 47.1830, 7.1192



12.8786, 22.3607, 3.6376



6.2348, 6.7289, 6.2107



18.2901, 22.8567, 3.4478



0.2315, 0.2837, 0.0426

Inverse Universe

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



5.4461, 2.1902, 28.1544



9.5610, 3.8394, 49.6717



8.7741, 3.9059, 28.3102



5.5268, 5.6470, 7.2684



4.6590, 1.8744, 24.0473



0.0628, 0.0259, 0.2946

Previews

White Background



This preview shows how the XYZ color 21.4051, 26.7553, 4.0361 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 21.4051, 26.7553, 4.0361 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 21.4051, 26.7553, 4.0361

Background



This preview shows how black text looks on a background with the XYZ color 21.4051, 26.7553, 4.0361.



This preview shows how white text looks on a background with the XYZ color 21.4051, 26.7553,

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

21.4051, 26.7553, 4.0361

Protanopia

23.9711, 26.7169, 3.8935

Deuteranopia

27.0501, 26.5811, 4.5691



Tritanopia

27.0115, 26.7991, 31.7661

Trichromacy



Original Color

21.4051, 26.7553, 4.0361

Protanomaly

22.9222, 26.6219, 3.9304

Deuteranomaly

24.6287, 26.3922, 4.2481

Tritanomaly

23.5474, 26.2651, 14.4183

Monochromacy



Original Color

21.4051, 26.7553, 4.0361

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.0000, 23.2041, 11.4074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4051, 26.7553, 4.0361 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(140, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 148, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.4051, 26.7553, 4.0361 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(140, 148, 0) }
```


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

```
.border{ border-color:rgb(140, 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(140, 148, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 148,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4051, 26.7553, 4.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 148, 0) }
```

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

```
.background{ background-color: rgb(140,  
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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