

Converting Colors

XYZ(29.9543, 28.0349, 53.6161)

Have a look what the booklet for
XYZ(29.9543, 28.0349, 53.6161)
contains.

XYZ(29.9024, 28.0218, 53.7019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.9024, 28.0218,
53.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8BC0
RGB	142, 139, 192
RGB Percent	56%, 55%, 75%
CMY	0.4431, 0.4549, 0.2471
CMYK	0.26, 0.28, 0.00, 0.25
HSL	243°, 30%, 65%
HSV	243°, 28%, 75%
XYZ	29.9024, 28.0218, 53.7019
YIQ	145.9390, -15.2250, 17.1190

Conversions

Conversions Part 2

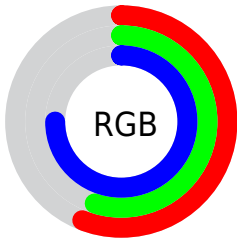
Format	Color
RYB	142, 139, 192
Decimal	9341888
CIELab	59.91, 12.87, -27.14
CIELCh	60, 30.039, 295.372
Yxy	28.0218, 0.2679, 0.2510
Android (android.graphics.Color)	4287531968 (0xFF8E8BC0)
YUV	145.9390, 22.7081, -3.4545
Hunter-Lab	52.9356, 8.1942, -23.0933

Details

The XYZ color **29.9024, 28.0218, 53.7019** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.4968, 50.3828, 31.8069**, and the grayscale version is **27.2118, 28.6289, 31.1769**.

A 20% lighter version of the original color is **58.9745, 56.4091, 97.4023**, and **12.3763, 11.1534, 25.5453** is the 20% darker color. If you saturate the color by 10%, you get **24.5035, 21.4682, 52.7220**, and if you desaturate by 10%, it is **36.2964, 35.8144, 54.8695**.

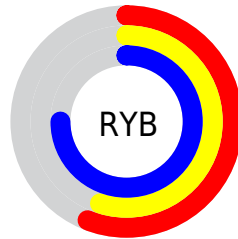
Distribution



Red (56%)

Green (55%)

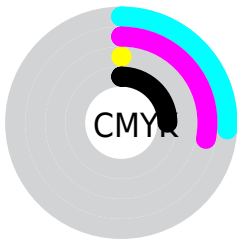
Blue (75%)



Red (56%)

Yellow (55%)

Blue (75%)

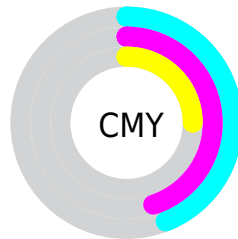


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9024, 28.0218, 53.7019 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 29.9024, 28.0218, 53.7019 by changing the saturation by 10% instead.

■ 29.9024, 28.0218,
53.7019

■ 29.9024, 28.0218,
53.7019

293.3672,
292.5711, 418.1147

■ 19.9122, 18.3421,
37.9718

■ 58.8955, 56.5192,
97.0884

■ 12.4391, 11.1959,
25.6592

■ 78.6291, 76.1058,
125.5819

■ 7.1178, 6.1987,
16.3454

■ 102.3412, 99.7634,
159.1670

■ 3.5829, 2.9663,
9.6119

130.3973,
127.8764, 198.2622

■ 1.4690, 1.1142,
5.0402

163.1625,
160.8293, 243.2860

■ 0.3046, 0.0000,
2.2117

201.0024,

■ 0.0000, 0.0000,

199.0065, 294.6570

0.6811

244.2822,
242.7922, 352.7937

■ 0.0000, 0.0000,
0.0000

■ 29.9024, 28.0218,
53.7019

■ 29.9024, 28.0218,
53.7019

■ 24.5035, 21.4682,
52.7220

■ 36.2964, 35.8144,
54.8695

■ 20.0470, 16.0867,
51.9181

■ 43.7292, 44.9017,
56.2318

■ 16.4796, 11.8090,
51.2804

■ 52.2450, 55.3401,
57.7978

■ 13.7416, 8.5585,
50.7974

■ 61.8849, 67.1817,
59.5753

■ 11.7658, 6.2489,
50.4557

■ 72.6877, 80.4757,
61.5720

■ 10.4747, 4.7796,
50.2401

■ 84.6905, 95.2690,
63.7948

■ 9.7649, 4.0090,
50.1288

■ 86.5145, 96.5858,
63.9528

■ 9.6508, 3.8761,
50.1092

Harmonies

Analogous

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



26.0464, 28.0218, 56.6069



29.9024, 28.0218, 53.7019



33.1375, 28.0218, 44.0738

Triad

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



29.9024, 28.0218, 53.7019



31.0236, 28.0218, 16.2832



19.9709, 28.0218, 28.8470

Complementary

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



29.9024, 28.0218, 53.7019



44.4968, 50.3828, 31.8069

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.



21.0422, 28.0218, 20.0622



29.9024, 28.0218, 53.7019



27.2302, 28.0218, 13.9961

Square

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



29.9024, 28.0218, 53.7019



33.8269, 28.0218, 22.3653



23.6127, 28.0218, 15.1932



20.5404, 28.0218, 40.4273

Rectangle

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



29.9024, 28.0218, 53.7019



34.3809, 28.0218, 36.1300



23.6127, 28.0218, 15.1932



20.1479, 28.0218, 25.5070

Sweetspot

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



29.9033, 28.0229, 53.7025



78.4786, 80.4338, 101.7493



38.4357, 45.8414, 56.6922



16.3739, 16.6899, 21.7438



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.9033, 28.0229, 53.7025



48.1731, 43.4742, 96.2127



34.9284, 30.6134, 53.9377



9.5799, 9.7746, 12.6666



6.5160, 2.6196, 33.7188



0.3001, 0.1228, 1.4578

Inverse Universe

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



40.1569, 33.3469, 52.4649



69.8037, 54.7087, 93.4532



38.5842, 47.3347, 31.5301



10.4719, 10.2374, 12.5755



20.2588, 9.7933, 30.3386



0.8830, 0.4262, 1.3510

Previews

White Background



This preview shows how the XYZ color 29.9024, 28.0218, 53.7019 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 29.9024, 28.0218, 53.7019 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 29.9024, 28.0218, 53.7019

Background



This preview shows how black text looks on a background with the XYZ color 29.9024, 28.0218, 53.7019.



This preview shows how white text looks on a background with the XYZ color 29.9024, 28.0218,

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

29.9024, 28.0218, 53.7019

Protanopia

28.5766, 27.9533, 55.5191

Deuteranopia

28.5927, 28.0131, 53.1903



Tritanopia

26.3564, 28.1430, 35.9413

Trichromacy



Original Color

29.9024, 28.0218, 53.7019

Protanomaly

29.0940, 28.0131, 54.9126

Deuteranomaly

29.0822, 28.0456, 53.1708

Tritanomaly

27.5594, 27.9505, 41.9727

Monochromacy



Original Color

29.9024, 28.0218, 53.7019

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.1104, 28.3090, 38.6329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9024, 28.0218, 53.7019 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(142, 139, 192)` looks like.

```
.text, #text, p{  
    color:rgb(142, 139, 192)  
}
```

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(142, 139, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 139, 192) }
```

Border

The CSS property to change the border of an element to XYZ 29.9024, 28.0218, 53.7019 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(142, 139, 192) }
```


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

```
.border{ border-color:rgb(142, 139, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 139, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 139, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 139, 192);  
box-shadow:4px 4px 4px 4px rgb(142, 139,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9024, 28.0218, 53.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 139, 192) }
```

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

```
.background{ background-color: rgb(142,  
139, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor