

Converting Colors

XYZ(32.4825, 15.9415, 54.3747)

Have a look what the booklet for
XYZ(32.4825, 15.9415, 54.3747)
contains.

XYZ(32.5763, 16.0009, 54.1948)	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(32.5763, 16.0009,
54.1948)**

Conversions

Conversions Part 1

Format	Color
Hex	C214C5
RGB	194, 20, 197
RGB Percent	76%, 8%, 77%
CMY	0.2392, 0.9215, 0.2274
CMYK	0.02, 0.90, 0.00, 0.23
HSL	299°, 82%, 43%
HSV	299°, 90%, 77%
XYZ	32.5763, 16.0009, 54.1948
YIQ	92.2040, 46.8870, 91.9350

Conversions

Conversions Part 2

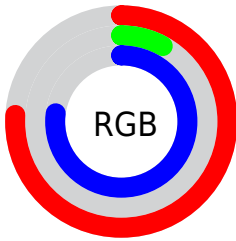
Format	Color
R_{YB}	194, 20, 197
Decimal	12719301
CIE _{Lab}	46.98, 78.46, -49.92
CIE _{LCh}	47, 92.999, 327.534
Yxy	16.0009, 0.3170, 0.1557
Android (android.graphics.Color)	4290909381 (0xFFC214C5)
YUV	92.2040, 51.6644, 89.2751
Hunter-Lab	40.0011, 75.3657, -52.3272

Details

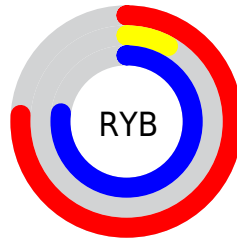
The XYZ color **32.5763, 16.0009, 54.1948** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **20.4465, 40.1656, 7.3377**, and the grayscale version is **10.0991, 10.6251, 11.5707**.

A 20% lighter version of the original color is **62.9453, 36.5923, 97.5114**, and **15.0358, 7.1872, 26.1860** is the 20% darker color. If you saturate the color by 10%, you get **32.2443, 15.4635, 54.1088**, and if you desaturate by 10%, it is **33.1616, 17.0435, 54.3654**.

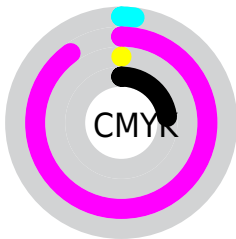
Distribution



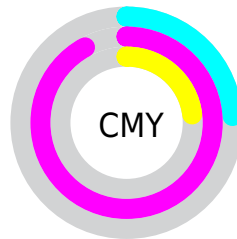
- Red (76%)
- Green (8%)
- Blue (77%)



- Red (76%)
- Yellow (8%)
- Blue (77%)



- Cyan (2%)
- Magenta (90%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (92%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5763, 16.0009, 54.1948 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 32.5763, 16.0009, 54.1948 by changing the saturation by 10% instead.

 32.5763, 16.0009,
54.1948


 32.5763, 16.0009,
54.1948


305.4350,
229.3470, 420.0480


 21.9597, 9.5248,
38.3632


 63.0726, 36.5998,
97.8195


 13.9438, 5.0850,
25.9607


 83.6830, 51.4913,
126.4496


 8.1630, 2.2972,
16.5687


 108.3554, 69.9568,
160.1831

 4.2521, 0.7722,
9.7688

 137.4552, 92.3806,
199.4383

 1.8457, 0.0000,
5.1423

 171.3477,
119.1471, 244.6339

 0.5450, 0.0000,
2.2708

 210.3983,

 0.0000, 0.0000,

150.6408, 296.1883

0.7148

254.9723,
187.2460, 354.5202

■ 0.0000, 0.0000,
0.0000

■ 32.5763, 16.0009,
54.1948

■ 32.5763, 16.0009,
54.1948

■ 32.2443, 15.4635,
54.1088

■ 33.1616, 17.0435,
54.3654

■ 32.2395, 15.4559,
54.1076

■ 34.0838, 18.7603,
54.6482

■ 35.3889, 21.2426,
55.0585

■ 37.1154, 24.5673,
55.6093

■ 39.2969, 28.8019,
56.3116

■ 41.9638, 34.0070,
57.1758

■ 45.1438, 40.2380,
58.2109

■ 48.8626, 47.5461,
59.4255

■ 53.1440, 55.9792,
60.8276

Harmonies

Analogous

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



23.6393, 16.0009, 94.9008



32.5763, 16.0009, 54.1948



36.7806, 16.0009, 19.4200

Triad

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



32.5763, 16.0009, 54.1948



15.8908, 16.0009, 0.0000



5.1320, 16.0009, 47.3927

Complementary

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



32.5763, 16.0009, 54.1948



20.4465, 40.1656, 7.3377

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.



4.3271, 16.0009, 15.5664



32.5763, 16.0009, 54.1948



9.0664, 16.0009, 0.0000

Square

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



32.5763, 16.0009, 54.1948



25.2369, 16.0009, 0.1768



5.4649, 16.0009, 2.7469



8.2661, 16.0009, 89.0625

Rectangle

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



32.5763, 16.0009, 54.1948



35.5130, 16.0009, 7.1160



5.4649, 16.0009, 2.7469



4.6423, 16.0009, 34.6892

Sweetspot

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



32.5770, 16.0016, 54.1951



76.4526, 63.4404, 102.8235



10.7345, 4.9152, 53.2065



15.9713, 12.8106, 21.8809



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.5770, 16.0016, 54.1951



57.7180, 27.6696, 96.9064



26.3371, 13.5955, 17.2778



11.0647, 10.8071, 13.4203



21.2130, 10.1700, 35.5893



1.0102, 0.4845, 1.6854

Inverse Universe

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



23.4313, 12.4332, 1.9764



41.2637, 21.2695, 2.0547



22.6838, 41.0530, 19.4579



10.6410, 10.6398, 11.0930



15.1604, 7.8137, 0.7886



0.7204, 0.3710, 0.0510

Previews

White Background



This preview shows how the XYZ color 32.5763, 16.0009, 54.1948 looks on a white background.

Color Contrast Check

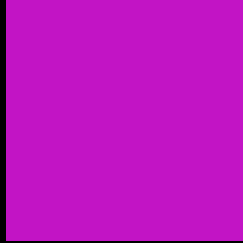
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.5763, 16.0009, 54.1948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

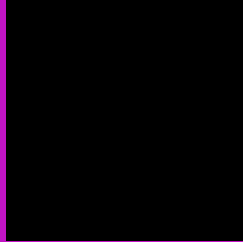
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5763, 16.0009, 54.1948

Background



This preview shows how black text looks on a background with the XYZ color 32.5763, 16.0009, 54.1948.



This preview shows how white text looks on a background with the XYZ color 32.5763, 16.0009,

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

32.5763, 16.0009, 54.1948

Protanopia

19.7516, 16.6504, 77.0357

Deuteranopia

16.9089, 16.4713, 48.1870



Tritanopia

23.4523, 16.0558, 10.2505

Trichromacy



Original Color

32.5763, 16.0009, 54.1948



Protanomaly

17.9073, 11.7093, 67.6460



Deuteranomaly

18.7913, 12.7768, 49.6199



Tritanomaly

25.4644, 14.9459, 20.9448

Monochromacy



Original Color

32.5763, 16.0009, 54.1948



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

15.0307, 10.1753, 22.2909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5763, 16.0009, 54.1948 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(194, 20, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 20, 197)  
}
```

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(194, 20, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 20, 197) }
```

Border

The CSS property to change the border of an element to XYZ 32.5763, 16.0009, 54.1948 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(194, 20, 197) }
```


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

```
.border{ border-color:rgb(194, 20, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 20, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 20, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 20, 197); box-shadow:4px 4px 4px 4px rgb(194, 20, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5763, 16.0009, 54.1948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 20, 197) }
```

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

```
.background{ background-color: rgb(194, 20,  
197) }
```

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