

Converting Colors

XYZ(34.2181, 20.2241, 54.3247)

Have a look what the booklet for
XYZ(34.2181, 20.2241, 54.3247)
contains.

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Color

**XYZ(34.2181, 20.2241,
54.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	C04BC4
RGB	192, 75, 196
RGB Percent	75%, 29%, 77%
CMY	0.2471, 0.7059, 0.2314
CMYK	0.02, 0.62, 0.00, 0.23
HSL	298°, 51%, 53%
HSV	298°, 62%, 77%
XYZ	34.2181, 20.2241, 54.3247
YIQ	123.7770, 30.8910, 62.4350

Conversions

Conversions Part 2

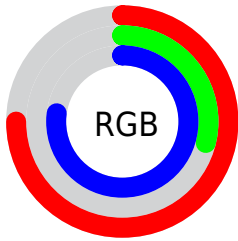
Format	Color
RYB	192, 75, 196
Decimal	12602308
CIELab	52.09, 62.20, -41.23
CIELCh	52, 74.627, 326.462
Yxy	20.2241, 0.3146, 0.1859
Android (android.graphics.Color)	4290792388 (0xFFC04BC4)
YUV	123.7770, 35.6059, 59.8316
Hunter-Lab	44.9712, 57.1191, -40.1418

Details

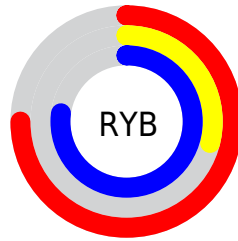
The XYZ color **34.2181, 20.2241, 54.3247** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **24.2350, 41.6506, 13.4195**, and the grayscale version is **18.9631, 19.9506, 21.7262**.

A 20% lighter version of the original color is **65.6296, 43.8337, 97.9302**, and **14.8850, 7.1256, 26.1820** is the 20% darker color. If you saturate the color by 10%, you get **32.9243, 17.8788, 53.9405**, and if you desaturate by 10%, it is **35.9236, 23.3904, 54.8462**.

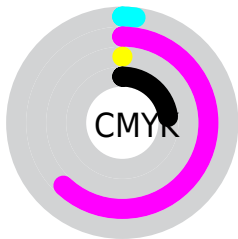
Distribution



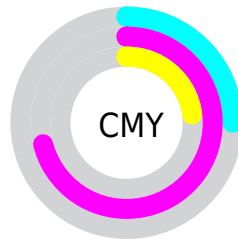
- Red (75%)
- Green (29%)
- Blue (77%)



- Red (75%)
- Yellow (29%)
- Blue (77%)



- Cyan (2%)
- Magenta (62%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (71%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2181, 20.2241, 54.3247 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 34.2181, 20.2241, 54.3247 by changing the saturation by 10% instead.

■ 34.2181, 20.2241,
54.3247

■ 34.2181, 20.2241,
54.3247

312.6723,
253.1257, 420.5566

■ 23.2249, 12.5580,
38.4664

■ 65.6147, 43.7926,
98.0120

■ 14.8813, 7.1249,
26.0402

■ 86.7489, 60.4638,
126.6781

■ 8.8219, 3.5404,
16.6277

■ 111.9940, 80.9055,
160.4505

■ 4.6813, 1.4199,
9.8103

■ 141.7155,
105.5022, 199.7478

■ 2.0944, 0.2313,
5.1694

■ 176.2787,
134.6381, 244.9885

■ 0.6861, 0.0000,
2.2865

216.0490,

■ 0.0000, 0.0000,

168.6978, 296.5912

0.7236

261.3918,
208.0655, 354.9744

■ 0.0000, 0.0000,
0.0000

■ 34.2181, 20.2241,
54.3247

■ 34.2181, 20.2241,
54.3247

■ 32.9243, 17.8788,
53.9405

■ 35.9236, 23.3904,
54.8462

■ 32.0008, 16.2738,
53.6794

■ 38.0724, 27.4430,
55.5152

■ 31.4019, 15.3168,
53.5262

■ 40.6960, 32.4439,
56.3422

■ 31.0800, 14.8713,
53.4572

■ 43.8221, 38.4487,
57.3365

■ 47.4763, 45.5088,
58.5066

■ 51.6825, 53.6719,
59.8606

■ 56.4633, 62.9829,
61.4058

■ 61.8398, 73.4843,
63.1494

■ 67.8321, 85.2163,
65.0981

Harmonies

Analogous

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



26.5249, 20.2241, 85.0688



34.2181, 20.2241, 54.3247



37.8864, 20.2241, 24.7149

Triad

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



34.2181, 20.2241, 54.3247



20.1415, 20.2241, 1.0754



8.8568, 20.2241, 46.5353

Complementary

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



34.2181, 20.2241, 54.3247



24.2350, 41.6506, 13.4195

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.



7.9871, 20.2241, 19.5296



34.2181, 20.2241, 54.3247



13.4007, 20.2241, 1.7620

Square

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



34.2181, 20.2241, 54.3247



28.5151, 20.2241, 2.2883



9.4076, 20.2241, 6.0137



12.2059, 20.2241, 78.8471

Rectangle

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



34.2181, 20.2241, 54.3247



36.9925, 20.2241, 12.1350



9.4076, 20.2241, 6.0137



8.3105, 20.2241, 36.1938

Sweetspot

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



34.2189, 20.2250, 54.3251



80.9073, 72.5855, 104.3539



15.6646, 11.0790, 53.5377



16.9302, 14.7896, 22.2123



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.



34.2189, 20.2250, 54.3251



58.9984, 31.2478, 97.5296



29.9809, 18.6484, 26.6512



10.4633, 10.2300, 12.7079



19.9852, 9.5632, 34.3492



0.8740, 0.4186, 1.4846

Inverse Universe

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



26.6929, 17.3332, 9.3366



44.3931, 25.6665, 8.8375



26.7707, 42.6276, 28.4569



10.0864, 10.0832, 10.5455



14.6566, 7.5524, 0.8377



0.6380, 0.3282, 0.0612

Previews

White Background



This preview shows how the XYZ color 34.2181, 20.2241, 54.3247 looks on a white background.

Color Contrast Check

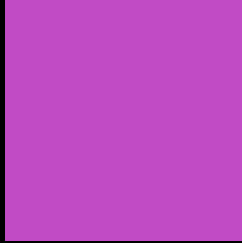
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2181, 20.2241, 54.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

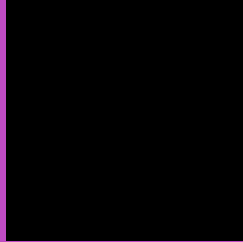
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2181, 20.2241, 54.3247

Background



This preview shows how black text looks on a background with the XYZ color 34.2181, 20.2241, 54.3247.



This preview shows how white text looks on a background with the XYZ color 34.2181, 20.2241,

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

34.2181, 20.2241, 54.3247

Protanopia

24.1623, 20.8063, 84.4039

Deuteranopia

21.0041, 20.4790, 50.4228



Tritanopia

26.3200, 20.0208, 16.6645

Trichromacy



Original Color

34.2181, 20.2241, 54.3247



Protanomaly

24.3330, 18.3541, 72.0723



Deuteranomaly

23.7639, 18.8155, 51.6695



Tritanomaly

28.4823, 19.6899, 27.1103

Monochromacy



Original Color

34.2181, 20.2241, 54.3247



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

23.0535, 18.8996, 31.2871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2181, 20.2241, 54.3247 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(192, 75, 196)` looks like.

```
.text, #text, p{  
    color:rgb(192, 75, 196)  
}
```

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(192, 75, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 75, 196) }
```

Border

The CSS property to change the border of an element to XYZ 34.2181, 20.2241, 54.3247 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(192, 75, 196) }
```


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

```
.border{ border-color:rgb(192, 75, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 75, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 75, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 75, 196);  
box-shadow:4px 4px 4px 4px rgb(192, 75,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2181, 20.2241, 54.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 75, 196) }
```

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

```
.background{ background-color: rgb(192, 75,  
196) }
```

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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