

Converting Colors

XYZ(21.8598, 12.2751, 8.4374)

Have a look what the booklet for
XYZ(21.8598, 12.2751, 8.4374)
contains.

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Color

**XYZ(21.9352, 12.3263,
8.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	B8294E
RGB	184, 41, 78
RGB Percent	72%, 16%, 31%
CMY	0.2784, 0.8392, 0.6941
CMYK	0.00, 0.78, 0.58, 0.28
HSL	344°, 64%, 44%
HSV	344°, 78%, 72%
XYZ	21.9352, 12.3263, 8.4308
YIQ	87.9750, 73.3510, 41.8230

Conversions

Conversions Part 2

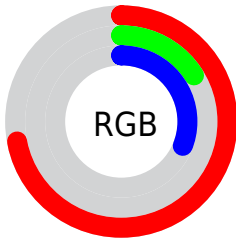
Format	Color
RYB	184, 41, 78
Decimal	12069198
CIELab	41.73, 57.86, 14.29
CIElCh	42, 59.595, 13.874
Yxy	12.3263, 0.5138, 0.2887
Android (android.graphics.Color)	4290259278 (0xFFB8294E)
YUV	87.9750, -4.9177, 84.2139
Hunter-Lab	35.1088, 50.0823, 10.3387

Details

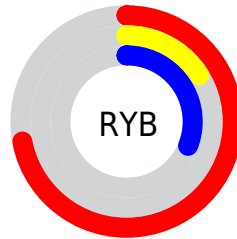
The XYZ color **21.9352, 12.3263, 8.4308** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **23.3226, 36.8593, 33.4936**, and the grayscale version is **9.2706, 9.7534, 10.6215**.

A 20% lighter version of the original color is **46.0441, 30.0591, 23.4539**, and **8.6009, 4.4006, 1.9095** is the 20% darker color. If you saturate the color by 10%, you get **21.0014, 11.1620, 5.9520**, and if you desaturate by 10%, it is **23.2683, 14.1271, 11.5434**.

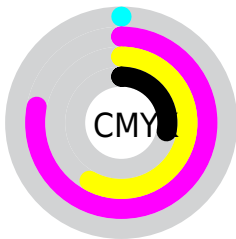
Distribution



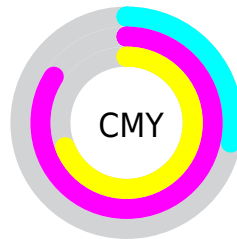
- Red (72%)
- Green (16%)
- Blue (31%)



- Red (72%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (78%)
- Yellow (58%)
- Black (28%)





- Cyan (28%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.9352, 12.3263, 8.4308 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 21.9352, 12.3263, 8.4308 by changing the saturation by 10% instead.


 21.9352, 12.3263,
8.4308


 21.9352, 12.3263,
8.4308


254.8464,
206.5537, 189.1320


 13.9256, 6.9663,
4.2801


 46.1185, 30.0880,
23.3587


 8.1503, 3.4410,
1.7802


 63.0230, 43.2585,
34.9730


 4.2439, 1.3661,
0.4149

 83.6231, 59.8013,
49.9123

 1.8410, 0.1915,
0.0000

 108.2843, 80.1008,
68.5951

 0.5422, 0.0000,
0.0000

 137.3719,
104.5414, 91.4399

 0.0000, 0.0000,
0.0000

 171.2512,

133.5075, 118.8653

210.2876,
167.3835, 151.2898

■ 21.9352, 12.3263,
8.4308

■ 21.9352, 12.3263,
8.4308

■ 21.0014, 11.1620,
5.9520

■ 23.2683, 14.1271,
11.5434

■ 20.4041, 10.5183,
4.0545

■ 25.0423, 16.6380,
15.3319

■ 20.2922, 10.4004,
3.6909

■ 27.2942, 19.9247,
19.8351

■ 30.0569, 24.0447,
25.0885

■ 33.3601, 29.0501,
31.1252

■ 37.2312, 34.9887,
37.9762

■ 41.6959, 41.9049,
45.6708

■ 46.7781, 49.8401,
54.2367

■ 52.5004, 58.8336,
63.7006

Harmonies

Analogous

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



21.8054, 12.3263, 21.2924



21.9352, 12.3263, 8.4308



18.8917, 12.3263, 2.6873

Triad

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



21.9352, 12.3263, 8.4308



6.7965, 12.3263, 2.4645



9.5298, 12.3263, 52.4548

Complementary

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



21.9352, 12.3263, 8.4308



23.3226, 36.8593, 33.4936

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.



6.6351, 12.3263, 38.0221



21.9352, 12.3263, 8.4308



5.3471, 12.3263, 7.7771

Square

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



21.9352, 12.3263, 8.4308



9.8110, 12.3263, 0.9853



5.2965, 12.3263, 20.0715



13.8523, 12.3263, 53.0656

Rectangle

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



21.9352, 12.3263, 8.4308



15.8271, 12.3263, 1.3272



5.2965, 12.3263, 20.0715



8.3863, 12.3263, 48.7858

Sweetspot

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



21.9355, 12.3270, 8.4310



63.3815, 57.1063, 61.6117



21.2758, 11.1464, 46.3771



13.1404, 11.5104, 12.3492



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



21.9355, 12.3270, 8.4310



37.2815, 19.3673, 8.3307



22.6414, 15.2983, 3.8584



9.0974, 9.0493, 9.8604



14.0104, 7.1779, 2.6758



0.5200, 0.2635, 0.2318

Inverse Universe

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



21.9355, 12.3270, 8.4310



37.2815, 19.3673, 8.3307



20.5746, 25.9484, 49.2712



9.0974, 9.0493, 9.8604



14.0104, 7.1779, 2.6758



0.5200, 0.2635, 0.2318

Previews

White Background



This preview shows how the XYZ color 21.9352, 12.3263, 8.4308 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



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 21.9352, 12.3263, 8.4308

Background



This preview shows how black text looks on a background with the XYZ color 21.9352, 12.3263, 8.4308.



This preview shows how white text looks on a background with the XYZ color 21.9352, 12.3263,

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

21.9352, 12.3263, 8.4308

Protanopia

12.3189, 12.6736, 15.4326

Deuteranopia

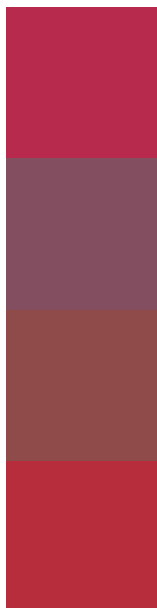
12.7008, 12.4909, 7.7028



Tritanopia

21.1398, 12.4029, 4.1855

Trichromacy



Original Color

21.9352, 12.3263, 8.4308

Protanomaly

14.1958, 11.1186, 12.4642

Deuteranomaly

14.9074, 11.2773, 7.8696

Tritanomaly

21.2824, 12.2703, 5.5217

Monochromacy



Original Color

21.9352, 12.3263, 8.4308

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.0219, 9.3575, 9.5601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9352, 12.3263, 8.4308 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(184, 41, 78)` looks like.

```
.text, #text, p{  
    color:rgb(184, 41, 78)  
}
```

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(184, 41, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 41, 78) }
```

Border

The CSS property to change the border of an element to XYZ 21.9352, 12.3263, 8.4308 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(184, 41, 78) }
```


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

```
.border{ border-color:rgb(184, 41, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 41, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 41, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 41, 78);  
box-shadow:4px 4px 4px 4px rgb(184, 41,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9352, 12.3263, 8.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 41, 78) }
```

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

```
.background{ background-color: rgb(184, 41,  
78) }
```

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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