

Converting Colors

XYZ(32.5742, 21.3488, 21.1224)

Have a look what the booklet for
XYZ(32.5742, 21.3488, 21.1224)
contains.

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Color

**XYZ(32.6351, 21.3510,
21.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	CF567B
RGB	207, 86, 123
RGB Percent	81%, 34%, 48%
CMY	0.1882, 0.6627, 0.5176
CMYK	0.00, 0.58, 0.41, 0.19
HSL	342°, 56%, 57%
HSV	342°, 58%, 81%
XYZ	32.6351, 21.3510, 21.1400
YIQ	126.3970, 60.2390, 37.1590

Conversions

Conversions Part 2

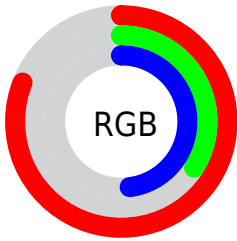
Format	Color
RYB	207, 86, 123
Decimal	13588091
CIELab	53.33, 51.28, 3.73
CIElCh	53, 51.414, 4.157
Yxy	21.3510, 0.4344, 0.2842
Android (android.graphics.Color)	4291778171 (0xFFCF567B)
YUV	126.3970, -1.6747, 70.6888
Hunter-Lab	46.2071, 45.2082, 5.2195

Details

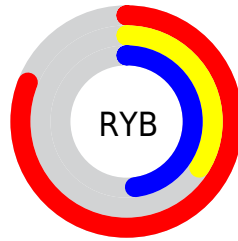
The XYZ color **32.6351, 21.3510, 21.1400** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **33.4075, 49.5070, 45.8283**, and the grayscale version is **19.9583, 20.9977, 22.8665**.

A 20% lighter version of the original color is **58.3559, 43.1113, 45.8031**, and **13.8980, 7.6344, 7.3977** is the 20% darker color. If you saturate the color by 10%, you get **30.3805, 18.1775, 16.2711**, and if you desaturate by 10%, it is **35.5014, 25.5366, 26.8648**.

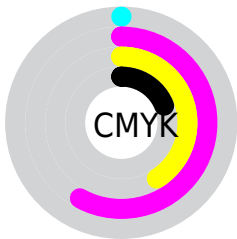
Distribution



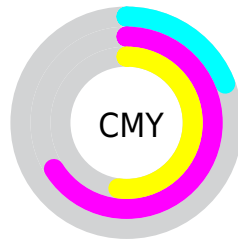
- Red (81%)
- Green (34%)
- Blue (48%)



- Red (81%)
- Yellow (34%)
- Blue (48%)



- Cyan (0%)
- Magenta (58%)
- Yellow (41%)
- Black (19%)





- Cyan (19%)
- Magenta (66%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6351, 21.3510, 21.1400 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 32.6351, 21.3510, 21.1400 by changing the saturation by 10% instead.


 32.6351, 21.3510,
21.1400


 32.6351, 21.3510,
21.1400


305.6964,
259.1380, 270.8270


 22.0049, 13.3808,
13.0341


 63.1639, 45.6710,
46.2042


 13.9772, 7.6913,
7.3211


 83.7933, 62.7895,
63.9997

 8.1864, 3.8981,
3.5822


 108.4864, 83.7264,
85.8621

 4.2672, 1.6167,
1.3991

 137.6087,
108.8658, 112.2099

 1.8544, 0.3688,
0.1410

171.5255,
138.5923, 143.4618

 0.5501, 0.0000,
0.0000

210.6022,

 0.0000, 0.0000,

173.2903, 180.0363

0.0000

255.2040,
213.3440, 222.3518

■ 32.6351, 21.3510,
21.1400

■ 32.6351, 21.3510,
21.1400

■ 30.3805, 18.1775,
16.2711

■ 35.5014, 25.5366,
26.8648

■ 28.6876, 15.9251,
12.2125

■ 39.0206, 30.8080,
33.4852

■ 27.5007, 14.4924,
8.9156

■ 43.2322, 37.2360,
41.0397

■ 26.7362, 13.7227,
6.3195

■ 48.1719, 44.8845,
49.5638

■ 26.6375, 13.6276,
5.9718

■ 53.8729, 53.8126,
59.0915

■ 60.3665, 64.0754,
69.6547

■ 67.6819, 75.7250,
81.2841

■ 75.8471, 88.8106,
94.0090

■ 79.1167, 91.8352,
105.9335

Harmonies

Analogous

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



31.2551, 21.3510, 38.9280



32.6351, 21.3510, 21.1400



30.2533, 21.3510, 10.1451

Triad

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



32.6351, 21.3510, 21.1400



14.9624, 21.3510, 6.2117



16.0617, 21.3510, 62.0438

Complementary

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



32.6351, 21.3510, 21.1400



33.4075, 49.5070, 45.8283

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.



12.8016, 21.3510, 44.4848



32.6351, 21.3510, 21.1400



12.2511, 21.3510, 12.4702

Square

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



32.6351, 21.3510, 21.1400



19.5436, 21.3510, 4.3285



11.5369, 21.3510, 25.4908



21.0623, 21.3510, 67.8352

Rectangle

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



32.6351, 21.3510, 21.1400



27.0653, 21.3510, 6.4240



11.5369, 21.3510, 25.4908



14.7574, 21.3510, 57.0276

Sweetspot

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



32.6357, 21.3521, 21.1404



77.4024, 72.2450, 79.7719



30.8856, 19.5619, 61.1796



16.0398, 14.6430, 16.1757



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.



32.6357, 21.3521, 21.1404



47.9610, 28.1388, 24.4035



32.7946, 24.7024, 11.8451



11.9554, 11.8669, 13.0411



16.8201, 8.6009, 3.9588



0.9758, 0.4950, 0.4074

Inverse Universe

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



32.6357, 21.3521, 21.1404



47.9610, 28.1388, 24.4035



32.4118, 41.1056, 65.2575



11.9554, 11.8669, 13.0411



16.8201, 8.6009, 3.9588



0.9758, 0.4950, 0.4074

Previews

White Background



This preview shows how the XYZ color 32.6351, 21.3510, 21.1400 looks on a white background.

Color Contrast Check

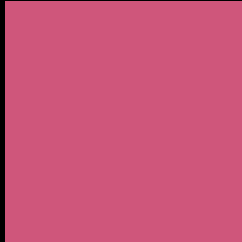
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6351, 21.3510, 21.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

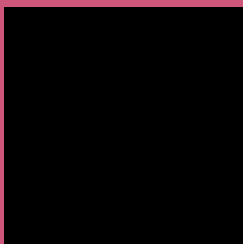
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6351, 21.3510, 21.1400

Background



This preview shows how black text looks on a background with the XYZ color 32.6351, 21.3510, 21.1400.



This preview shows how white text looks on a background with the XYZ color 32.6351, 21.3510,

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

32.6351, 21.3510, 21.1400

Protanopia

21.1680, 21.5704, 30.6516

Deuteranopia

21.7954, 21.3796, 19.8075



Tritanopia

31.0756, 21.3244, 13.7874

Trichromacy



Original Color

32.6351, 21.3510, 21.1400

Protanomaly

23.7080, 20.2933, 26.7122

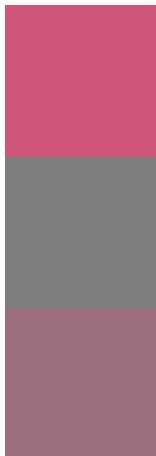
Deuteranomaly

24.8421, 20.6993, 20.1388

Tritanomaly

31.6275, 21.3072, 16.0814

Monochromacy



Original Color

32.6351, 21.3510, 21.1400

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.9037, 19.8181, 22.0202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6351, 21.3510, 21.1400 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(207, 86, 123)` looks like.

```
.text, #text, p{  
    color:rgb(207, 86, 123)  
}
```

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(207, 86, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 86, 123) }
```

Border

The CSS property to change the border of an element to XYZ 32.6351, 21.3510, 21.1400 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(207, 86, 123) }
```


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

```
.border{ border-color:rgb(207, 86, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 86, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 86, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 86, 123);  
box-shadow:4px 4px 4px 4px rgb(207, 86,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6351, 21.3510, 21.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 86, 123) }
```

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

```
.background{ background-color: rgb(207, 86,  
123) }
```

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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