

Converting Colors

XYZ(32.0852, 20.6998, 20.1850)

Have a look what the booklet for
XYZ(32.0852, 20.6998, 20.1850)
contains.

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Color

**XYZ(32.2155, 20.8080,
20.0877)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5378
RGB	207, 83, 120
RGB Percent	81%, 33%, 47%
CMY	0.1882, 0.6745, 0.5294
CMYK	0.00, 0.60, 0.42, 0.19
HSL	342°, 56%, 57%
HSV	342°, 60%, 81%
XYZ	32.2155, 20.8080, 20.0877
YIQ	124.2940, 62.0270, 37.7950

Conversions

Conversions Part 2

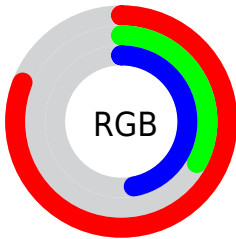
Format	Color
R_{YB}	207, 83, 120
Decimal	13587320
CIE Lab	52.74, 52.33, 4.66
CIE LCh	53, 52.534, 5.089
Yxy	20.8080, 0.4406, 0.2846
Android (android.graphics.Color)	4291777400 (0xFFCF5378)
YUV	124.2940, -2.1169, 72.5332
Hunter-Lab	45.6158, 46.2355, 5.8217

Details

The XYZ color **32.2155, 20.8080, 20.0877** 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 **33.1370, 49.3673, 45.8159**, and the grayscale version is **19.2495, 20.2520, 22.0544**.

A 20% lighter version of the original color is **57.7749, 42.4155, 44.1717**, and **13.6888, 7.3766, 6.8332** is the 20% darker color. If you saturate the color by 10%, you get **30.0458, 17.7739, 15.3405**, and if you desaturate by 10%, it is **34.9927, 24.8431, 25.6975**.

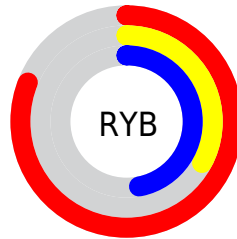
Distribution



Red (81%)

Green (33%)

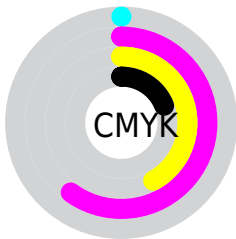
Blue (47%)



Red (81%)

Yellow (33%)

Blue (47%)

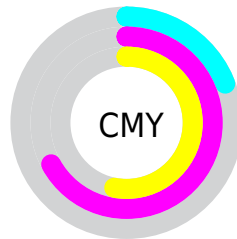


Cyan (0%)

Magenta (60%)

Yellow (42%)

Black (19%)



Cyan (19%)


Magenta (67%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2155, 20.8080, 20.0877 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 32.2155, 20.8080, 20.0877 by changing the saturation by 10% instead.


 32.2155, 20.8080,
20.0877


 32.2155, 20.8080,
20.0877


303.8276,
256.2564, 265.0094


 21.6825, 12.9837,
12.2741


 62.5117, 44.7678,
44.4251


 13.7391, 7.4173,
6.8058


 83.0056, 61.6721,
61.7859


 8.0199, 3.7244,
3.2644


 107.5505, 82.3718,
83.1663

 4.1596, 1.5206,
1.2312

 136.5118,
107.2514, 108.9847

 1.7928, 0.3032,
0.0044

 170.2548,
136.6953, 139.6596

 0.5133, 0.0000,
0.0000

209.1448,

 0.0000, 0.0000,

171.0878, 175.6097

0.0000

253.5473,
210.8134, 217.2535

■ 32.2155, 20.8080,
20.0877

■ 32.2155, 20.8080,
20.0877

■ 30.0458, 17.7739,
15.3405

■ 34.9927, 24.8431,
25.6975

■ 28.4324, 15.6481,
11.4086

■ 38.4196, 29.9545,
32.2111

■ 27.3179, 14.3261,
8.2412

■ 42.5362, 36.2140,
39.6682

■ 26.6011, 13.6166,
5.7699

■ 47.3789, 43.6861,
48.1058

■ 26.5949, 13.6105,
5.7481

■ 52.9815, 52.4307,
57.5586

■ 59.3754, 62.5037,
68.0597

■ 66.5905, 73.9574,
79.6408

■ 74.6549, 86.8416,
92.3319

■ 78.8601, 91.7326,
104.5836

Harmonies

Analogous

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



30.9352, 20.8080, 37.8639



32.2155, 20.8080, 20.0877



29.6948, 20.8080, 9.3754

Triad

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



32.2155, 20.8080, 20.0877



14.3254, 20.8080, 5.8641



15.6689, 20.8080, 62.4396

Complementary

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



32.2155, 20.8080, 20.0877



33.1370, 49.3673, 45.8159

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.



12.3577, 20.8080, 44.7636



32.2155, 20.8080, 20.0877



11.6882, 20.8080, 12.1878

Square

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



32.2155, 20.8080, 20.0877



18.8589, 20.8080, 3.9465



11.0405, 20.8080, 25.4352



20.7252, 20.8080, 67.8663

Rectangle

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



32.2155, 20.8080, 20.0877



26.4297, 20.8080, 5.8424



11.0405, 20.8080, 25.4352



14.3470, 20.8080, 57.4320

Sweetspot

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



32.2161, 20.8091, 20.0881



77.3566, 72.2266, 79.5307



30.8911, 19.2167, 61.1123



16.0288, 14.6386, 16.1175



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.



32.2161, 20.8091, 20.0881



47.2961, 27.3285, 22.5807



32.6358, 24.5743, 11.2084



11.9518, 11.8655, 13.0220



16.7927, 8.5899, 3.8146



0.9739, 0.4943, 0.3975

Inverse Universe

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



32.2161, 20.8091, 20.0881



47.2961, 27.3285, 22.5807



31.5996, 39.8827, 65.0639



11.9518, 11.8655, 13.0220



16.7927, 8.5899, 3.8146



0.9739, 0.4943, 0.3975

Previews

White Background



This preview shows how the XYZ color 32.2155, 20.8080, 20.0877 looks on a white background.

Color Contrast Check

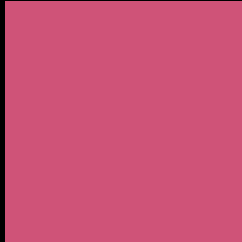
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2155, 20.8080, 20.0877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

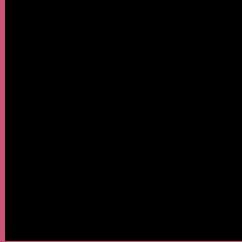
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2155, 20.8080, 20.0877

Background



This preview shows how black text looks on a background with the XYZ color 32.2155, 20.8080, 20.0877.



This preview shows how white text looks on a background with the XYZ color 32.2155, 20.8080,

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

32.2155, 20.8080, 20.0877

Protanopia

20.6128, 20.9225, 29.7401

Deuteranopia

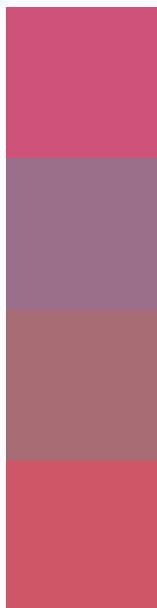
21.3245, 20.9736, 18.8440



Tritanopia

30.6869, 20.7667, 12.9807

Trichromacy



Original Color

32.2155, 20.8080, 20.0877

Protanomaly

23.3463, 19.7995, 25.8837

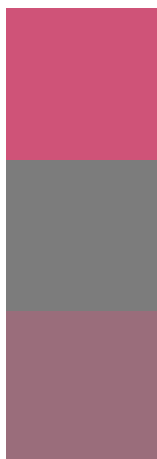
Deuteranomaly

24.2408, 20.0931, 19.1237

Tritanomaly

31.2296, 20.7567, 15.1924

Monochromacy



Original Color

32.2155, 20.8080, 20.0877

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.3702, 19.2374, 21.2730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2155, 20.8080, 20.0877 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, 83, 120)` looks like.

```
.text, #text, p{  
    color:rgb(207, 83, 120)  
}
```

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, 83, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 83, 120) }
```

Border

The CSS property to change the border of an element to XYZ 32.2155, 20.8080, 20.0877 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, 83, 120) }
```


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

```
.border{ border-color:rgb(207, 83, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 83, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 83, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 83, 120);  
box-shadow:4px 4px 4px 4px rgb(207, 83,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2155, 20.8080, 20.0877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 83, 120) }
```

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

```
.background{ background-color: rgb(207, 83,  
120) }
```

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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