

Converting Colors

XYZ(32.0695, 20.8080, 27.1370)

Have a look what the booklet for
XYZ(32.0695, 20.8080, 27.1370)
contains.

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Color

**XYZ(32.0695, 20.8080,
27.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	C9558C
RGB	201, 85, 140
RGB Percent	79%, 33%, 55%
CMY	0.2118, 0.6666, 0.4510
CMYK	0.00, 0.58, 0.30, 0.21
HSL	332°, 52%, 56%
HSV	332°, 58%, 79%
XYZ	32.0695, 20.8080, 27.1370
YIQ	125.9540, 51.4810, 41.6970

Conversions

Conversions Part 2

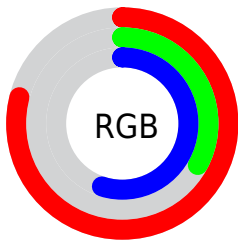
Format	Color
R_{YB}	201, 85, 140
Decimal	13194636
CIE _{Lab}	52.74, 51.80, -7.35
CIE _{LCh}	53, 52.318, 351.926
Yxy	20.8080, 0.4008, 0.2601
Android (android.graphics.Color)	4291384716 (0xFFC9558C)
YUV	125.9540, 6.9247, 65.8153
Hunter-Lab	45.6158, 45.6641, -3.3408

Details

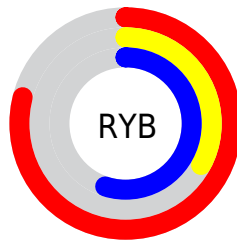
The XYZ color **32.0695, 20.8080, 27.1370** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **29.8224, 45.7804, 34.4615**, and the grayscale version is **19.7814, 20.8116, 22.6638**.

A 20% lighter version of the original color is **60.2102, 43.6203, 56.2851**, and **13.5651, 7.3617, 10.3788** is the 20% darker color. If you saturate the color by 10%, you get **29.9635, 17.7839, 22.7725**, and if you desaturate by 10%, it is **34.7010, 24.7629, 32.0465**.

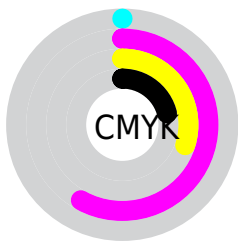
Distribution



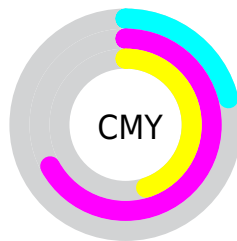
- Red (79%)
- Green (33%)
- Blue (55%)



- Red (79%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (58%)
- Yellow (30%)
- Black (21%)




- Cyan (21%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0695, 20.8080, 27.1370 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 32.0695, 20.8080, 27.1370 by changing the saturation by 10% instead.

 32.0695, 20.8080,
27.1370


 32.0695, 20.8080,
27.1370


303.1754,
256.2564, 302.1010

 21.5704, 12.9837,
17.4428


 62.2845, 44.7678,
56.1100


 13.6564, 7.4173,
10.3854


 82.7311, 61.6721,
76.2260

 7.9622, 3.7244,
5.5463


 107.2242, 82.3718,
100.6528

 4.1224, 1.5206,
2.5069

 136.1292,
107.2514, 129.8093

 1.7716, 0.3032,
0.8438

169.8115,
136.6953, 164.1137

 0.5005, 0.0000,
0.0000

208.6364,

 0.0000, 0.0000,

171.0878, 203.9848

0.0000

252.9692,
210.8134, 249.8411

■ 32.0695, 20.8080,
27.1370

■ 32.0695, 20.8080,
27.1370

■ 29.9635, 17.7839,
22.7725

■ 34.7010, 24.7629,
32.0465

■ 28.3398, 15.6081,
18.9276

■ 37.8927, 29.7154,
37.5220

■ 27.1510, 14.1892,
15.5760

■ 41.6785, 35.7297,
43.5845

■ 26.3288, 13.3941,
12.6834

■ 46.0887, 42.8639,
50.2533

■ 26.1665, 13.2491,
12.0754

■ 51.1518, 51.1716,
57.5469

■ 56.8941, 60.7031,
65.4826

■ 63.3408, 71.5057,
74.0773

■ 70.5156, 83.6241,
83.3469

■ 74.8622, 89.9434,
92.1139

Harmonies

Analogous

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



29.2245, 20.8080, 46.6536



32.0695, 20.8080, 27.1370



31.1753, 20.8080, 13.1976

Triad

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



32.0695, 20.8080, 27.1370



16.1175, 20.8080, 4.6647



13.9946, 20.8080, 55.4360

Complementary

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



32.0695, 20.8080, 27.1370



29.8224, 45.7804, 34.4615

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.



11.5635, 20.8080, 35.8091



32.0695, 20.8080, 27.1370



12.6232, 20.8080, 8.7333

Square

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



32.0695, 20.8080, 27.1370



21.2856, 20.8080, 4.0416



11.1122, 20.8080, 18.6983



18.3422, 20.8080, 67.2396

Rectangle

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



32.0695, 20.8080, 27.1370



28.6410, 20.8080, 7.9401



11.1122, 20.8080, 18.6983



12.9618, 20.8080, 49.1999

Sweetspot

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



32.0701, 20.8091, 27.1374



79.2904, 74.0099, 86.6012



25.4576, 16.7291, 57.1456



16.6208, 15.2702, 18.0178



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.



32.0701, 20.8091, 27.1374



50.6030, 29.4846, 37.4258



29.1307, 19.8802, 10.8977



10.8397, 10.7193, 12.1392



16.4981, 8.3488, 7.8327



0.8177, 0.4099, 0.5633

Inverse Universe

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



32.0701, 20.8091, 27.1374



50.6030, 29.4846, 37.4258



34.7284, 47.0263, 62.5050



10.8397, 10.7193, 12.1392



16.4981, 8.3488, 7.8327



0.8177, 0.4099, 0.5633

Previews

White Background



This preview shows how the XYZ color 32.0695, 20.8080, 27.1370 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 32.0695, 20.8080, 27.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

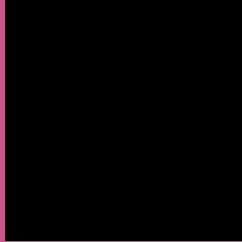
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0695, 20.8080, 27.1370

Background



This preview shows how black text looks on a background with the XYZ color 32.0695, 20.8080, 27.1370.



This preview shows how white text looks on a background with the XYZ color 32.0695, 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

32.0695, 20.8080, 27.1370

Protanopia

21.3789, 21.1021, 39.5055

Deuteranopia

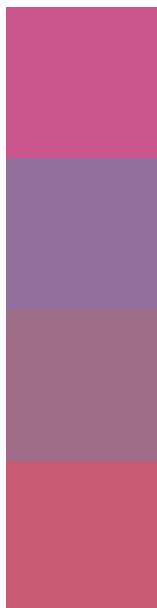
21.3777, 21.0380, 25.4883



Tritanopia

29.5917, 20.9313, 14.5371

Trichromacy



Original Color

32.0695, 20.8080, 27.1370

Protanomaly

23.5158, 19.6972, 34.4608

Deuteranomaly

24.2106, 20.0858, 25.8935

Tritanomaly

30.3888, 20.8621, 18.6448

Monochromacy



Original Color

32.0695, 20.8080, 27.1370

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.9180, 19.7799, 24.0827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0695, 20.8080, 27.1370 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(201, 85, 140)` looks like.

```
.text, #text, p{  
    color:rgb(201, 85, 140)  
}
```

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(201, 85, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 85, 140) }
```

Border

The CSS property to change the border of an element to XYZ 32.0695, 20.8080, 27.1370 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(201, 85, 140) }
```


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

```
.border{ border-color:rgb(201, 85, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 85, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 85, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 85, 140);  
box-shadow:4px 4px 4px 4px rgb(201, 85,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0695, 20.8080, 27.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 85, 140) }
```

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

```
.background{ background-color: rgb(201, 85,  
140) }
```

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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