

Converting Colors

XYZ(27.2202, 13.9763, 20.4390)

Have a look what the booklet for
XYZ(27.2202, 13.9763, 20.4390)
contains.

XYZ(27.1769, 13.9613, 20.3312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.1769, 13.9613,
20.3312)**

Conversions

Conversions Part 1

Format	Color
Hex	C6147C
RGB	198, 20, 124
RGB Percent	78%, 8%, 49%
CMY	0.2235, 0.9215, 0.5137
CMYK	0.00, 0.90, 0.37, 0.22
HSL	325°, 82%, 43%
HSV	325°, 90%, 78%
XYZ	27.1769, 13.9613, 20.3312
YIQ	85.0780, 72.7040, 70.0800

Conversions

Conversions Part 2

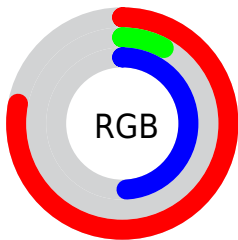
Format	Color
R_{YB}	198, 20, 124
Decimal	12981372
CIE _{Lab}	44.18, 70.01, -10.56
CIE _{LCh}	44, 70.807, 351.423
Yxy	13.9613, 0.4421, 0.2271
Android (android.graphics.Color)	4291171452 (0xFFC6147C)
YUV	85.0780, 19.1885, 99.0326
Hunter-Lab	37.3648, 64.4416, -6.1059

Details

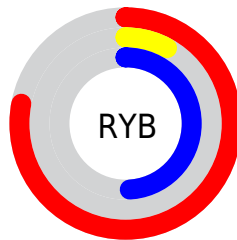
The XYZ color **27.1769, 13.9613, 20.3312** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **22.5044, 41.3456, 17.3893**, and the grayscale version is **8.6038, 9.0519, 9.8575**.

A 20% lighter version of the original color is **53.0902, 32.2630, 45.0242**, and **11.7512, 5.9113, 7.1782** is the 20% darker color. If you saturate the color by 10%, you get **26.4300, 13.2661, 17.6199**, and if you desaturate by 10%, it is **28.2223, 15.1837, 23.3567**.

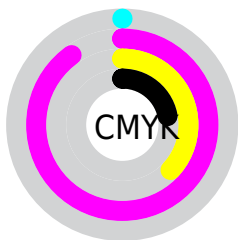
Distribution



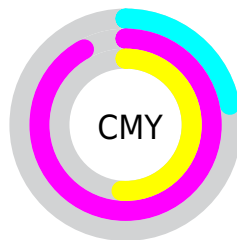
- Red (78%)
- Green (8%)
- Blue (49%)



- Red (78%)
- Yellow (8%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (37%)
- Black (22%)





- Cyan (22%)
- Magenta (92%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1769, 13.9613, 20.3312 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 27.1769, 13.9613, 20.3312 by changing the saturation by 10% instead.

 27.1769, 13.9613,
20.3312


 27.1769, 13.9613,
20.3312


280.6646,
216.9899, 266.3658


 17.8434, 8.0938,
12.4496


 54.5855, 33.0203,
44.8380


 10.9366, 4.1550,
6.9244


 73.3913, 46.9806,
62.3003


 6.0912, 1.7606,
3.3371


 96.0852, 64.4073,
83.7932

 2.9418, 0.4625,
1.2692

 123.0327, 85.6847,
109.7352

 1.1231, 0.0000,
0.0364

 154.5990,
111.1973, 140.5449

 0.0443, 0.0000,
0.0000

 191.1495,

 0.0000, 0.0000,

141.3294, 176.6409

0.0000

233.0496,
176.4655, 218.4417

■ 27.1769, 13.9613,
20.3312

■ 27.1769, 13.9613,
20.3312

■ 26.4300, 13.2661,
17.6199

■ 28.2223, 15.1837,
23.3567

■ 26.4222, 13.2591,
17.5908

■ 29.6528, 17.1052,
26.7299

■ 31.5159, 19.8191,
30.4718

■ 33.8514, 23.4036,
34.6002

■ 36.6945, 27.9273,
39.1314

■ 40.0767, 33.4520,
44.0805

■ 44.0270, 40.0343,
49.4613

■ 48.5722, 47.7264,
55.2870

■ 53.7373, 56.5771,
61.5701

Harmonies

Analogous

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



23.7075, 13.9613, 44.0383



27.1769, 13.9613, 20.3312



26.1746, 13.9613, 6.4319

Triad

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



27.1769, 13.9613, 20.3312



9.6831, 13.9613, 0.7169



7.5815, 13.9613, 54.8220

Complementary

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



27.1769, 13.9613, 20.3312



22.5044, 41.3456, 17.3893

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.



5.5065, 13.9613, 29.6384



27.1769, 13.9613, 20.3312



6.4582, 13.9613, 2.8817

Square

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



27.1769, 13.9613, 20.3312



14.9573, 13.9613, 0.4302



5.1637, 13.9613, 11.0165



11.7143, 13.9613, 71.4146

Rectangle

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



27.1769, 13.9613, 20.3312



23.2002, 13.9613, 2.5082



5.1637, 13.9613, 11.0165



6.6753, 13.9613, 46.4895

Sweetspot

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



27.1773, 13.9621, 20.3314



72.6093, 61.9526, 80.3516



14.7790, 6.8133, 53.9621



15.0548, 12.4559, 16.5161



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.



27.1773, 13.9621, 20.3314



46.6629, 23.4292, 30.4866



23.8862, 12.6456, 3.0005



10.8894, 10.7391, 12.4006



17.2265, 8.6402, 11.6686



0.8512, 0.4233, 0.7394

Inverse Universe

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



27.1773, 13.9621, 20.3314



46.6629, 23.4292, 30.4866



28.7418, 43.8406, 50.2352



10.8894, 10.7391, 12.4006



17.2265, 8.6402, 11.6686



0.8512, 0.4233, 0.7394

Previews

White Background



This preview shows how the XYZ color 27.1769, 13.9613, 20.3312 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



This preview shows how the XYZ color 27.1769, 13.9613, 20.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

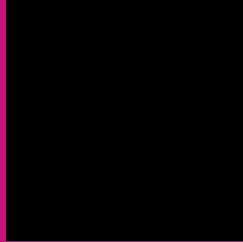
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.1769, 13.9613, 20.3312

Background



This preview shows how black text looks on a background with the XYZ color 27.1769, 13.9613, 20.3312.



This preview shows how white text looks on a background with the XYZ color 27.1769, 13.9613,

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

27.1769, 13.9613, 20.3312

Protanopia

15.7487, 14.5736, 42.5404

Deuteranopia

14.6269, 14.3830, 18.2249



Tritanopia

24.1420, 14.1917, 4.9569

Trichromacy



Original Color

27.1769, 13.9613, 20.3312

Protanomaly

16.2685, 11.2303, 32.7627

Deuteranomaly

16.9803, 11.9127, 18.5440

Tritanomaly

24.6758, 13.6842, 8.7379

Monochromacy



Original Color

27.1769, 13.9613, 20.3312

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

12.5251, 8.6740, 12.8185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1769, 13.9613, 20.3312 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(198, 20, 124)` looks like.

```
.text, #text, p{  
    color:rgb(198, 20, 124)  
}
```

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(198, 20, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 20, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.1769, 13.9613, 20.3312 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(198, 20, 124) }
```


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

```
.border{ border-color:rgb(198, 20, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 20, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 20, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 20, 124);  
box-shadow:4px 4px 4px 4px rgb(198, 20,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1769, 13.9613, 20.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 20, 124) }
```

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

```
.background{ background-color: rgb(198, 20,  
124) }
```

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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