

Converting Colors

XYZ(27.0503, 14.2618, 20.6849)

Have a look what the booklet for
XYZ(27.0503, 14.2618, 20.6849)
contains.

XYZ(26.9566, 14.1964, 20.7214)	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(26.9566, 14.1964,
20.7214)**

Conversions

Conversions Part 1

Format	Color
Hex	C41F7D
RGB	196, 31, 125
RGB Percent	77%, 12%, 49%
CMY	0.2314, 0.8784, 0.5098
CMYK	0.00, 0.84, 0.36, 0.23
HSL	326°, 73%, 45%
HSV	326°, 84%, 77%
XYZ	26.9566, 14.1964, 20.7214
YIQ	91.0510, 68.1660, 64.2140

Conversions

Conversions Part 2

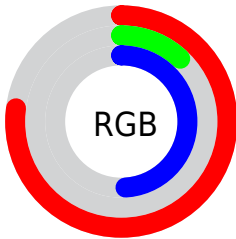
Format	Color
R_{YB}	196, 31, 125
Decimal	12853117
CIE _{Lab}	44.51, 67.67, -10.71
CIE _{LCh}	45, 68.516, 351.010
Yxy	14.1964, 0.4357, 0.2294
Android (android.graphics.Color)	4291043197 (0xFFC41F7D)
YUV	91.0510, 16.7369, 92.0403
Hunter-Lab	37.6781, 61.7702, -6.2324

Details

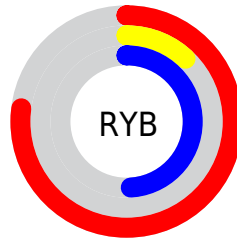
The XYZ color **26.9566, 14.1964, 20.7214** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **22.7045, 40.7310, 19.2394**, and the grayscale version is **9.9095, 10.4255, 11.3534**.

A 20% lighter version of the original color is **53.5506, 33.0237, 45.6713**, and **11.6210, 5.8402, 7.3522** is the 20% darker color. If you saturate the color by 10%, you get **26.0748, 13.2589, 17.8809**, and if you desaturate by 10%, it is **28.1958, 15.7754, 23.9070**.

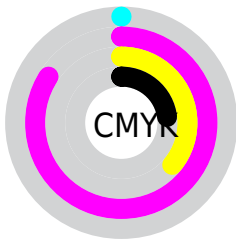
Distribution



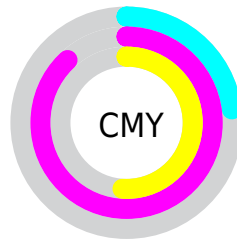
- Red (77%)
- Green (12%)
- Blue (49%)



- Red (77%)
- Yellow (12%)
- Blue (49%)



- Cyan (0%)
- Magenta (84%)
- Yellow (36%)
- Black (23%)



- Cyan (23%)
- Magenta (88%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9566, 14.1964, 20.7214 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 26.9566, 14.1964, 20.7214 by changing the saturation by 10% instead.

■ 26.9566, 14.1964,
20.7214

■ 26.9566, 14.1964,
20.7214

279.6183,
218.4492, 268.5264

■ 17.6770, 8.2574,
12.7313

■ 54.2346, 33.4371,
45.4982

■ 10.8167, 4.2601,
7.1152

■ 72.9638, 47.5076,
63.1219

■ 6.0101, 1.8201,
3.4547

■ 95.5735, 65.0574,
84.7938

■ 2.8919, 0.4996,
1.3312

■ 122.4292, 86.4708,
110.9326

■ 1.0969, 0.0000,
0.0872

■ 153.8961,
112.1323, 141.9567

■ 0.0225, 0.0000,
0.0000

■ 190.3397,

■ 0.0000, 0.0000,

142.4263, 178.2846

0.0000

232.1253,
177.7371, 220.3350

■ 26.9566, 14.1964,
20.7214

■ 26.9566, 14.1964,
20.7214

■ 26.0748, 13.2589,
17.8809

■ 28.1958, 15.7754,
23.9070

■ 25.6703, 12.8979,
16.3648

■ 29.8413, 18.0921,
27.4592

■ 31.9351, 21.2287,
31.3972

■ 34.5133, 25.2559,
35.7381

■ 37.6083, 30.2367,
40.4975

■ 41.2493, 36.2281,
45.6900

■ 45.4635, 43.2829,
51.3293

■ 50.2761, 51.4502,
57.4281

■ 55.7107, 60.7757,
63.9989

Harmonies

Analogous

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



23.5603, 14.1964, 43.6258



26.9566, 14.1964, 20.7214



26.0528, 14.1964, 6.9082

Triad

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



26.9566, 14.1964, 20.7214



10.0287, 14.1964, 0.8939



7.8477, 14.1964, 53.2644

Complementary

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



26.9566, 14.1964, 20.7214



22.7045, 40.7310, 19.2394

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.



5.8020, 14.1964, 29.1480



26.9566, 14.1964, 20.7214



6.8011, 14.1964, 3.1234

Square

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



26.9566, 14.1964, 20.7214



15.2241, 14.1964, 0.6343



5.4799, 14.1964, 11.1703



11.8989, 14.1964, 69.2652

Rectangle

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



26.9566, 14.1964, 20.7214



23.2127, 14.1964, 2.8488



5.4799, 14.1964, 11.1703



6.9548, 14.1964, 45.2883

Sweetspot

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



26.9570, 14.1972, 20.7216



73.8687, 64.2081, 81.5832



15.6831, 7.6619, 52.8769



15.2917, 12.8855, 16.7315



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.



26.9570, 14.1972, 20.7216



46.3711, 23.3125, 28.9503



23.7244, 12.9042, 3.6992



10.3082, 10.1719, 11.7134



16.5382, 8.3050, 10.7459



0.7486, 0.3724, 0.6434

Inverse Universe

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



26.9570, 14.1972, 20.7216



46.3711, 23.3125, 28.9503



28.7750, 43.1592, 51.2062



10.3082, 10.1719, 11.7134



16.5382, 8.3050, 10.7459



0.7486, 0.3724, 0.6434

Previews

White Background



This preview shows how the XYZ color 26.9566, 14.1964, 20.7214 looks on a white background.

Color Contrast Check

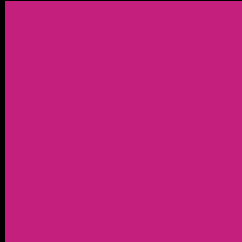
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9566, 14.1964, 20.7214 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 26.9566, 14.1964, 20.7214

Background



This preview shows how black text looks on a background with the XYZ color 26.9566, 14.1964, 20.7214.



This preview shows how white text looks on a background with the XYZ color 26.9566, 14.1964,

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

26.9566, 14.1964, 20.7214

Protanopia

15.7176, 14.5800, 41.5210

Deuteranopia

14.7432, 14.4296, 18.8378



Tritanopia

23.9161, 14.3403, 5.5104

Trichromacy



Original Color

26.9566, 14.1964, 20.7214

Protanomaly

16.6807, 11.8456, 32.8598

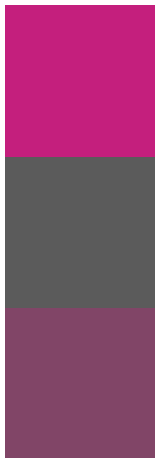
Deuteranomaly

17.3717, 12.5035, 19.2671

Tritanomaly

24.5318, 13.9797, 9.3880

Monochromacy



Original Color

26.9566, 14.1964, 20.7214

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

13.6296, 9.9026, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9566, 14.1964, 20.7214 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(196, 31, 125)` looks like.

```
.text, #text, p{  
    color:rgb(196, 31, 125)  
}
```

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(196, 31, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 31, 125) }
```

Border

The CSS property to change the border of an element to XYZ 26.9566, 14.1964, 20.7214 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(196, 31, 125) }
```


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

```
.border{ border-color:rgb(196, 31, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 31, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 31, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 31, 125); box-shadow:4px 4px 4px 4px rgb(196, 31, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9566, 14.1964, 20.7214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 31, 125) }
```

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

```
.background{ background-color: rgb(196, 31,  
125) }
```

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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