

Converting Colors

XYZ(27.3705, 21.1214, 24.8533)

Have a look what the booklet for
XYZ(27.3705, 21.1214, 24.8533)
contains.

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Color

**XYZ(27.4167, 21.1437,
24.8264)**

Conversions

Conversions Part 1

Format	Color
Hex	B16985
RGB	177, 105, 133
RGB Percent	69%, 41%, 52%
CMY	0.3059, 0.5882, 0.4784
CMYK	0.00, 0.41, 0.25, 0.31
HSL	337°, 32%, 55%
HSV	337°, 41%, 69%
XYZ	27.4167, 21.1437, 24.8264
YIQ	129.7200, 33.9240, 23.9720

Conversions

Conversions Part 2

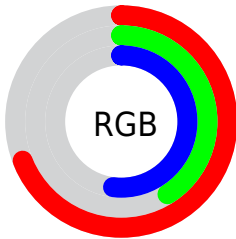
Format	Color
R_{YB}	177, 105, 133
Decimal	11626885
CIE _{Lab}	53.11, 32.49, -3.04
CIE _{LCh}	53, 32.635, 354.664
Yxy	21.1437, 0.3736, 0.2881
Android (android.graphics.Color)	4289816965 (0xFFB16985)
YUV	129.7200, 1.6170, 41.4646
Hunter-Lab	45.9823, 25.9607, 0.1762

Details

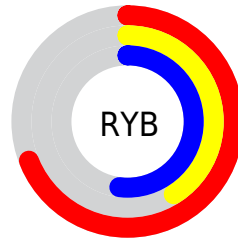
The XYZ color **27.4167, 21.1437, 24.8264** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.9736, 36.6181, 34.0820**, and the grayscale version is **21.1059, 22.2050, 24.1813**.

A 20% lighter version of the original color is **54.8516, 45.1515, 52.2785**, and **11.0404, 7.6060, 9.2737** is the 20% darker color. If you saturate the color by 10%, you get **25.0887, 17.6227, 20.5512**, and if you desaturate by 10%, it is **30.1981, 25.4479, 29.6330**.

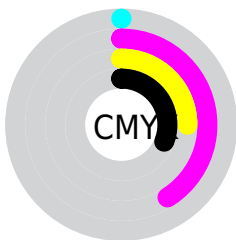
Distribution



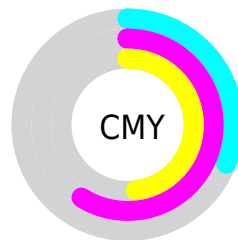
- Red (69%)
- Green (41%)
- Blue (52%)



- Red (69%)
- Yellow (41%)
- Blue (52%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (31%)





- Cyan (31%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4167, 21.1437, 24.8264 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 27.4167, 21.1437, 24.8264 by changing the saturation by 10% instead.


 27.4167, 21.1437,
24.8264


 27.4167, 21.1437,
24.8264


281.8000,
258.0412, 290.3922


 18.0246, 13.2291,
15.7299


 54.9670, 45.3266,
52.3361


 11.0675, 7.5865,
9.1810


 73.8559, 62.3636,
71.5864

 6.1799, 3.8315,
4.7610


 96.6412, 83.2102,
95.0583

 2.9965, 1.5798,
2.0514

 123.6882,
108.2509, 123.1705

 1.1519, 0.3439,
0.5866

155.3622,
137.8699, 156.3414

 0.0679, 0.0000,
0.0000

192.0286,

 0.0000, 0.0000,

172.4517, 194.9897

0.0000

234.0527,
212.3807, 239.5338

■ 27.4167, 21.1437,
24.8264

■ 27.4167, 21.1437,
24.8264

■ 25.0887, 17.6227,
20.5512

■ 30.1981, 25.4479,
29.6330

■ 23.1865, 14.8339,
16.7860

■ 33.4547, 30.5761,
34.9885

■ 21.6822, 12.7254,
13.5098

■ 37.2091, 36.5697,
40.9111

■ 20.5435, 11.2366,
10.6992

■ 41.4818, 43.4666,
47.4179

■ 19.7326, 10.2961,
8.3281

■ 46.2923, 51.3022,
54.5250

■ 19.2004, 9.7747,
6.4770

■ 51.6588, 60.1103,
62.2479

■ 57.5987, 69.9228,
70.6017

■ 64.1289, 80.7702,
79.6006

■ 68.2246, 86.6004,
88.2451

Harmonies

Analogous

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



25.9809, 21.1437, 35.7879



27.4167, 21.1437, 24.8264



26.7167, 21.1437, 15.9958

Triad

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



27.4167, 21.1437, 24.8264



17.4642, 21.1437, 9.7546



16.5131, 21.1437, 42.1591

Complementary

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



27.4167, 21.1437, 24.8264



26.9736, 36.6181, 34.0820

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.



14.6715, 21.1437, 31.8526



27.4167, 21.1437, 24.8264



15.1752, 21.1437, 13.7224

Square

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



27.4167, 21.1437, 24.8264



20.7170, 21.1437, 8.8563



14.2111, 21.1437, 21.3070



19.4884, 21.1437, 47.4608

Rectangle

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



27.4167, 21.1437, 24.8264



25.1701, 21.1437, 12.1201



14.2111, 21.1437, 21.3070



15.7550, 21.1437, 39.0443

Sweetspot

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



27.4173, 21.1447, 24.8268



65.5523, 63.7500, 71.5808



25.2372, 19.5932, 44.0470



14.0158, 13.5105, 15.2154



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.4173, 21.1447, 24.8268



45.2525, 32.0387, 37.4128



26.4983, 22.0006, 16.2157



8.6286, 8.5582, 9.5427



13.9392, 7.0932, 4.8398



0.4677, 0.2348, 0.3054

Inverse Universe

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



27.4173, 21.1447, 24.8268



45.2525, 32.0387, 37.4128



28.0995, 34.8527, 46.8415



8.6286, 8.5582, 9.5427



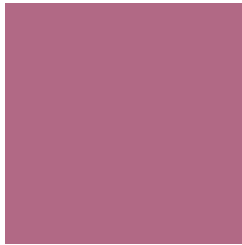
13.9392, 7.0932, 4.8398



0.4677, 0.2348, 0.3054

Previews

White Background



This preview shows how the XYZ color 27.4167, 21.1437, 24.8264 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 27.4167, 21.1437, 24.8264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

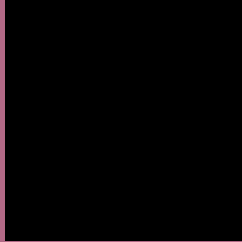
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4167, 21.1437, 24.8264

Background



This preview shows how black text looks on a background with the XYZ color 27.4167, 21.1437, 24.8264.



This preview shows how white text looks on a background with the XYZ color 27.4167, 21.1437,

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

27.4167, 21.1437, 24.8264

Protanopia

20.9613, 21.2821, 30.1972

Deuteranopia

21.5935, 21.1809, 24.0693



Tritanopia

26.1941, 21.1000, 19.2151

Trichromacy



Original Color

27.4167, 21.1437, 24.8264

Protanomaly

22.6138, 20.7196, 28.0067

Deuteranomaly

23.2910, 20.8049, 24.2609

Tritanomaly

26.6750, 21.1506, 21.0889

Monochromacy



Original Color

27.4167, 21.1437, 24.8264

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.9667, 21.5165, 24.4153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4167, 21.1437, 24.8264 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(177, 105, 133)` looks like.

```
.text, #text, p{  
    color:rgb(177, 105, 133)  
}
```

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(177, 105, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 105, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.4167, 21.1437, 24.8264 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(177, 105, 133) }
```


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

```
.border{ border-color:rgb(177, 105, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 105, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 105, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 105, 133);  
box-shadow:4px 4px 4px 4px rgb(177, 105,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4167, 21.1437, 24.8264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 105, 133) }
```

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

```
.background{ background-color: rgb(177,  
105, 133) }
```

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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