

Converting Colors

XYZ(27.4387, 14.7294, 34.5668)

Have a look what the booklet for
XYZ(27.4387, 14.7294, 34.5668)
contains.

XYZ(27.4955, 14.7785, 34.6611)	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(27.4955, 14.7785,
34.6611)**

Conversions

Conversions Part 1

Format	Color
Hex	BA2CA0
RGB	186, 44, 160
RGB Percent	73%, 17%, 63%
CMY	0.2706, 0.8274, 0.3725
CMYK	0.00, 0.76, 0.14, 0.27
HSL	311°, 62%, 45%
HSV	311°, 76%, 73%
XYZ	27.4955, 14.7785, 34.6611
YIQ	99.6820, 47.3960, 66.1800

Conversions

Conversions Part 2

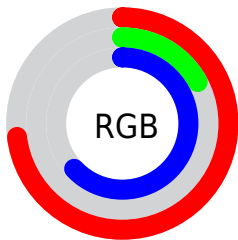
Format	Color
R _Y B	186, 44, 160
Decimal	12201120
CIE Lab	45.33, 66.33, -30.82
CIE LCh	45, 73.142, 335.079
Yxy	14.7785, 0.3574, 0.1921
Android (android.graphics.Color)	4290391200 (0xFFBA2CA0)
YUV	99.6820, 29.7368, 75.7009
Hunter-Lab	38.4428, 60.3938, -26.5475

Details

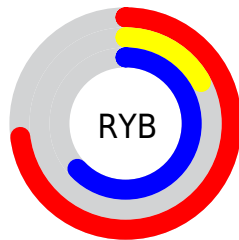
The XYZ color **27.4955, 14.7785, 34.6611** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **19.7038, 36.0960, 11.7245**, and the grayscale version is **11.9517, 12.5741, 13.6932**.

A 20% lighter version of the original color is **54.9735, 34.4219, 68.0367**, and **11.7600, 5.7498, 14.6774** is the 20% darker color. If you saturate the color by 10%, you get **26.6575, 13.5725, 32.9319**, and if you desaturate by 10%, it is **28.6530, 16.6099, 36.5373**.

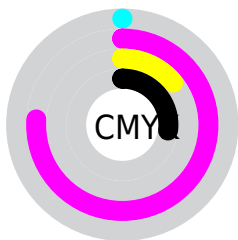
Distribution



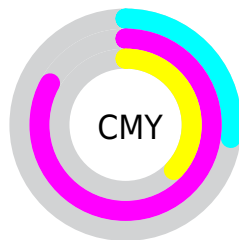
- Red (73%)
- Green (17%)
- Blue (63%)



- Red (73%)
- Yellow (17%)
- Blue (63%)



- Cyan (0%)
- Magenta (76%)
- Yellow (14%)
- Black (27%)





- Cyan (27%)
- Magenta (83%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4955, 14.7785, 34.6611 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 27.4955, 14.7785, 34.6611 by changing the saturation by 10% instead.


 27.4955, 14.7785,
34.6611


 27.4955, 14.7785,
34.6611


282.1723,
222.0216, 337.9286

 18.0842, 8.6641,
23.1205


 55.0923, 34.4641,
68.1060


 11.1105, 4.5227,
14.4764


 74.0085, 48.8041,
90.8474


 6.2091, 1.9701,
8.3102


 96.8237, 66.6548,
118.1595

 3.0145, 0.5900,
4.2035

 123.9032, 88.4005,
150.4607

 1.1614, 0.0000,
1.7376

 155.6125,
114.4256, 188.1697

 0.0756, 0.0000,
0.3863

 192.3169,

 0.0000, 0.0000,

145.1146, 231.7050

0.0000

234.3817,
180.8518, 281.4851

■ 27.4955, 14.7785,
34.6611

■ 27.4955, 14.7785,
34.6611

■ 26.6575, 13.5725,
32.9319

■ 28.6530, 16.6099,
36.5373

■ 26.0891, 12.8931,
31.3324

■ 30.1655, 19.1381,
38.5723

■ 25.9126, 12.7043,
30.7673

■ 32.0650, 22.4274,
40.7773

■ 34.3798, 26.5338,
43.1619

■ 37.1355, 31.5084,
45.7349

■ 40.3554, 37.3980,
48.5046

■ 44.0613, 44.2460,
51.4783

■ 48.2737, 52.0930,
54.6632

■ 53.0116, 60.9774,
58.0660

Harmonies

Analogous

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



21.8692, 14.7785, 61.8056



27.4955, 14.7785, 34.6611



29.1550, 14.7785, 13.3125

Triad

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



27.4955, 14.7785, 34.6611



13.0394, 14.7785, 0.3705



6.5023, 14.7785, 43.9214

Complementary

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



27.4955, 14.7785, 34.6611



19.7038, 36.0960, 11.7245

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.



5.3395, 14.7785, 19.2321



27.4955, 14.7785, 34.6611



8.3548, 14.7785, 1.3147

Square

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



27.4955, 14.7785, 34.6611



19.5545, 14.7785, 0.8265



5.9040, 14.7785, 5.7236



9.6841, 14.7785, 69.3428

Rectangle

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



27.4955, 14.7785, 34.6611



27.4743, 14.7785, 5.6818



5.9040, 14.7785, 5.7236



5.9116, 14.7785, 34.8002

Sweetspot

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



27.4960, 14.7792, 34.6614



68.9474, 60.0930, 84.3446



12.1252, 6.5644, 47.0826



14.7427, 12.4312, 18.1834



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.4960, 14.7792, 34.6614



47.5377, 23.6380, 57.5875



23.0538, 13.0023, 11.2690



9.3085, 9.1338, 10.9718



17.4585, 8.5572, 20.8332



0.6340, 0.3091, 0.8323

Inverse Universe

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



27.4960, 14.7792, 34.6614



47.5377, 23.6380, 57.5875



23.2342, 37.5081, 30.3150



9.3085, 9.1338, 10.9718



17.4585, 8.5572, 20.8332



0.6340, 0.3091, 0.8323

Previews

White Background



This preview shows how the XYZ color 27.4955, 14.7785, 34.6611 looks on a white background.

Color Contrast Check

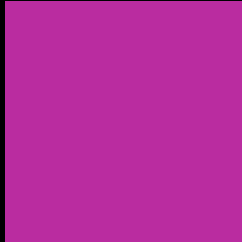
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4955, 14.7785, 34.6611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

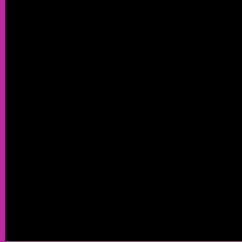
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.4955, 14.7785, 34.6611

Background



This preview shows how black text looks on a background with the XYZ color 27.4955, 14.7785, 34.6611.



This preview shows how white text looks on a background with the XYZ color 27.4955, 14.7785,

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

27.4955, 14.7785, 34.6611

Protanopia

17.9315, 15.3702, 64.3090

Deuteranopia

15.3578, 15.0769, 31.3788



Tritanopia

22.1178, 14.7801, 8.8948

Trichromacy



Original Color

27.4955, 14.7785, 34.6611



Protanomaly

17.4382, 12.4697, 51.9399



Deuteranomaly

17.7555, 13.1858, 32.1811



Tritanomaly

23.4855, 14.3517, 15.7197

Monochromacy



Original Color

27.4955, 14.7785, 34.6611



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

15.7416, 11.9678, 19.8927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4955, 14.7785, 34.6611 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(186, 44, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 44, 160)  
}
```

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(186, 44, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 44, 160) }
```

Border

The CSS property to change the border of an element to XYZ 27.4955, 14.7785, 34.6611 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(186, 44, 160) }
```


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

```
.border{ border-color:rgb(186, 44, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 44, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 44, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 44, 160);  
box-shadow:4px 4px 4px 4px rgb(186, 44,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4955, 14.7785, 34.6611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 44, 160) }
```

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

```
.background{ background-color: rgb(186, 44,  
160) }
```

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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