

Converting Colors

XYZ(27.0279, 13.5161, 43.7523)

Have a look what the booklet for
XYZ(27.0279, 13.5161, 43.7523)
contains.

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Color

**XYZ(27.0747, 13.5336,
43.8331)**

Conversions

Conversions Part 1

Format	Color
Hex	B319B3
RGB	179, 25, 179
RGB Percent	70%, 10%, 70%
CMY	0.2980, 0.9019, 0.2980
CMYK	0.00, 0.86, 0.00, 0.30
HSL	300°, 75%, 40%
HSV	300°, 86%, 70%
XYZ	27.0747, 13.5336, 43.8331
YIQ	88.6020, 42.3500, 80.5420

Conversions

Conversions Part 2

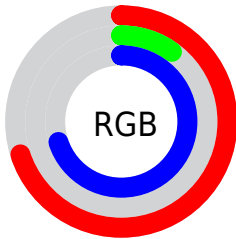
Format	Color
R_{YB}	179, 25, 179
Decimal	11737523
CIE _{Lab}	43.56, 72.28, -44.99
CIE _{LCh}	44, 85.138, 328.098
Yxy	13.5336, 0.3206, 0.1603
Android (android.graphics.Color)	4289927603 (0xFFB319B3)
YUV	88.6020, 44.5662, 79.2790
Hunter-Lab	36.7880, 66.9906, -44.8926

Details

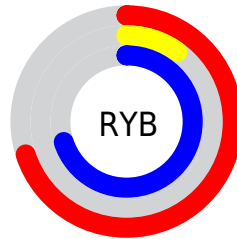
The XYZ color **27.0747, 13.5336, 43.8331** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **16.6971, 32.5177, 6.3168**, and the grayscale version is **9.3076, 9.7924, 10.6639**.

A 20% lighter version of the original color is **54.2580, 32.1807, 81.9490**, and **11.7277, 5.6182, 19.8683** is the 20% darker color. If you saturate the color by 10%, you get **26.8046, 12.9929, 43.7431**, and if you desaturate by 10%, it is **27.5880, 14.5598, 44.0043**.

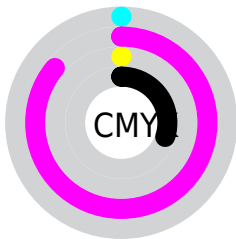
Distribution



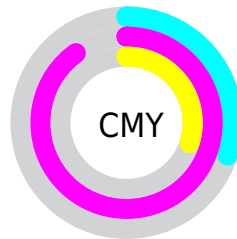
- Red (70%)
- Green (10%)
- Blue (70%)



- Red (70%)
- Yellow (10%)
- Blue (70%)



- Cyan (0%)
- Magenta (86%)
- Yellow (0%)
- Black (30%)





- Cyan (30%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0747, 13.5336, 43.8331 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 27.0747, 13.5336, 43.8331 by changing the saturation by 10% instead.

 27.0747, 13.5336,
43.8331


 27.0747, 13.5336,
43.8331


280.1796,
214.3097, 378.0482


 17.7662, 7.7970,
30.2031


 54.4228, 32.2591,
82.2663

 10.8809, 3.9653,
19.7394


 73.1930, 46.0169,
107.9066


 6.0535, 1.6542,
12.0236


 95.8479, 63.2171,
138.3875

 2.9186, 0.3937,
6.6370

 122.7529, 84.2443,
174.1273

 1.1109, 0.0000,
3.1612

 154.2731,
109.4827, 215.5448

 0.0342, 0.0000,
1.1775

 190.7741,

 0.0000, 0.0000,

139.3168, 263.0584

0.0000

232.6211,
174.1310, 317.0867

■ 27.0747, 13.5336,
43.8331

■ 27.0747, 13.5336,
43.8331

■ 26.8046, 12.9929,
43.7431

■ 27.5880, 14.5598,
44.0043

■ 26.7274, 12.8385,
43.7174

■ 28.3861, 16.1558,
44.2704

■ 29.5026, 18.3888,
44.6426

■ 30.9662, 21.3161,
45.1306

■ 32.8025, 24.9887,
45.7427

■ 35.0345, 29.4527,
46.4867

■ 37.6835, 34.7506,
47.3698

■ 40.7691, 40.9218,
48.3984

■ 44.3098, 48.0032,
49.5786

Harmonies

Analogous

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



19.8816, 13.5336, 76.4843



27.0747, 13.5336, 43.8331



30.3629, 13.5336, 15.9862

Triad

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



27.0747, 13.5336, 43.8331



13.2928, 13.5336, 0.0000



4.5542, 13.5336, 39.6175

Complementary

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



27.0747, 13.5336, 43.8331



16.6971, 32.5177, 6.3168

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.



3.8434, 13.5336, 13.5524



27.0747, 13.5336, 43.8331



7.7280, 13.5336, 0.0000

Square

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



27.0747, 13.5336, 43.8331



20.8815, 13.5336, 0.1971



4.7702, 13.5336, 2.6133



7.2159, 13.5336, 72.8948

Rectangle

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



27.0747, 13.5336, 43.8331



29.2664, 13.5336, 6.0305



4.7702, 13.5336, 2.6133



4.1301, 13.5336, 29.3062

Sweetspot

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



27.0752, 13.5342, 43.8334



62.5662, 52.3906, 83.1957



8.8858, 4.1572, 42.9825



13.5428, 10.9696, 18.3258



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.0752, 13.5342, 43.8334



47.8674, 22.9931, 78.2955



21.3371, 11.2390, 13.6166



8.8501, 8.6467, 10.7089



18.8866, 9.0722, 30.8923



0.5943, 0.2854, 0.9720

Inverse Universe

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



27.0752, 13.5342, 43.8334



47.8674, 22.9931, 78.2955



18.9200, 33.4069, 18.0228



8.8501, 8.6467, 10.7089



18.8866, 9.0722, 30.8923



0.5943, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 27.0747, 13.5336, 43.8331 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 27.0747, 13.5336, 43.8331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

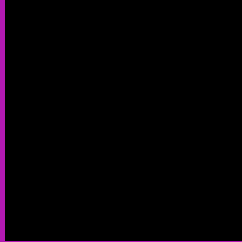
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.0747, 13.5336, 43.8331

Background



This preview shows how black text looks on a background with the XYZ color 27.0747, 13.5336, 43.8331.



This preview shows how white text looks on a background with the XYZ color 27.0747, 13.5336,

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

27.0747, 13.5336, 43.8331

Protanopia

16.5674, 13.9184, 64.7641

Deuteranopia

14.2917, 13.8890, 39.4637



Tritanopia

19.9061, 13.6400, 8.7913

Trichromacy



Original Color

27.0747, 13.5336, 43.8331



Protanomaly

15.1051, 10.1060, 56.4129



Deuteranomaly

16.0028, 11.1135, 40.8368



Tritanomaly

21.5219, 12.8368, 17.5631

Monochromacy



Original Color

27.0747, 13.5336, 43.8331



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

13.4871, 9.4391, 19.5234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0747, 13.5336, 43.8331 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(179, 25, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 25, 179)  
}
```

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(179, 25, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 25, 179) }
```

Border

The CSS property to change the border of an element to XYZ 27.0747, 13.5336, 43.8331 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(179, 25, 179) }
```


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

```
.border{ border-color:rgb(179, 25, 179) }
```

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

Here you see how a box with a 4 pixel rgb(179, 25, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 25, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 25, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 25,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0747, 13.5336, 43.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 25, 179) }
```

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

```
.background{ background-color: rgb(179, 25,  
179) }
```

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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