

Converting Colors

XYZ(26.6812, 17.6613, 37.0280)

Have a look what the booklet for
XYZ(26.6812, 17.6613, 37.0280)
contains.

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Color

**XYZ(26.6658, 17.6789,
37.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	AB54A4
RGB	171, 84, 164
RGB Percent	67%, 33%, 64%
CMY	0.3294, 0.6706, 0.3569
CMYK	0.00, 0.51, 0.04, 0.33
HSL	305°, 34%, 50%
HSV	305°, 51%, 67%
XYZ	26.6658, 17.6789, 37.1289
YIQ	119.1330, 26.1720, 43.3240

Conversions

Conversions Part 2

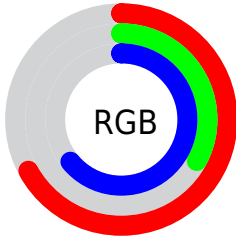
Format	Color
R_{YB}	171, 84, 164
Decimal	11228324
CIE _{Lab}	49.10, 46.70, -27.48
CIE _{LCh}	49, 54.184, 329.528
Yxy	17.6789, 0.3273, 0.2170
Android (android.graphics.Color)	4289418404 (0xFFAB54A4)
YUV	119.1330, 22.1194, 45.4874
Hunter-Lab	42.0463, 39.6239, -22.9235

Details

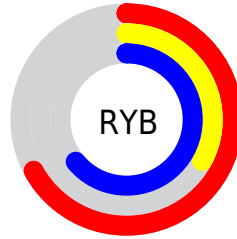
The XYZ color **26.6658, 17.6789, 37.1289** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.1082, 31.7667, 14.9704**, and the grayscale version is **17.5036, 18.4152, 20.0541**.

A 20% lighter version of the original color is **53.7268, 39.4998, 71.8103**, and **10.6171, 5.8628, 15.9013** is the 20% darker color. If you saturate the color by 10%, you get **25.3736, 15.2919, 36.0885**, and if you desaturate by 10%, it is **28.2845, 20.7160, 38.2851**.

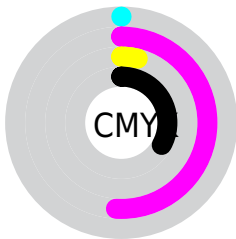
Distribution



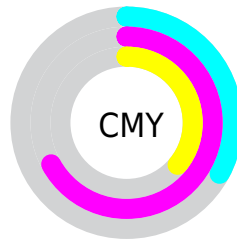
- Red (67%)
- Green (33%)
- Blue (64%)



- Red (67%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (51%)
- Yellow (4%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6658, 17.6789, 37.1289 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 26.6658, 17.6789, 37.1289 by changing the saturation by 10% instead.

■ 26.6658, 17.6789,
37.1289

■ 26.6658, 17.6789,
37.1289

278.2325,
239.0549, 349.0537

■ 17.4577, 10.7197,
25.0107

■ 53.7708, 39.4894,
71.9595

■ 10.6587, 5.8787,
15.8660

■ 72.3984, 55.1095,
95.5091

■ 5.9034, 2.7715,
9.2760

■ 94.8965, 74.3854,
123.7062

■ 2.8265, 1.0136,
4.8224

■ 121.6305, 97.7014,
156.9694

■ 1.0627, 0.0000,
2.0865

■ 152.9657,
125.4420, 195.7172

■ 0.0000, 0.0000,
0.6077

189.2676,

■ 0.0000, 0.0000,

157.9915, 240.3681

0.0000

230.9014,
195.7343, 291.3408

■ 26.6658, 17.6789,
37.1289

■ 26.6658, 17.6789,
37.1289

■ 25.3736, 15.2919,
36.0885

■ 28.2845, 20.7160,
38.2851

■ 24.3821, 13.5045,
35.1547

■ 30.2496, 24.4440,
39.5633

■ 23.6645, 12.2630,
34.3189

■ 32.5813, 28.9031,
40.9703

■ 23.1887, 11.5028,
33.5702

■ 35.2978, 34.1297,
42.5124

■ 22.9012, 11.1006,
32.9417

■ 38.4163, 40.1579,
44.1951

■ 41.9526, 47.0197,
46.0238

■ 45.9219, 54.7454,
48.0037

■ 50.3386, 63.3636,
50.1394

■ 55.2165, 72.9018,
52.4356

Harmonies

Analogous

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



22.0713, 17.6789, 55.1189



26.6658, 17.6789, 37.1289



28.5366, 17.6789, 19.4801

Triad

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



26.6658, 17.6789, 37.1289



16.8837, 17.6789, 2.6646



9.6772, 17.6789, 36.5153

Complementary

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



26.6658, 17.6789, 37.1289



20.1082, 31.7667, 14.9704

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.



8.8284, 17.6789, 19.0203



26.6658, 17.6789, 37.1289



12.4482, 17.6789, 3.7553

Square

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



26.6658, 17.6789, 37.1289



22.2385, 17.6789, 3.8332



9.7329, 17.6789, 8.2910



12.3347, 17.6789, 54.6567

Rectangle

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



26.6658, 17.6789, 37.1289



27.7476, 17.6789, 11.3541



9.7329, 17.6789, 8.2910



9.1978, 17.6789, 30.1514

Sweetspot

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



26.6664, 17.6797, 37.1293



60.9929, 56.8410, 74.8934



14.7188, 11.4454, 39.9622



13.3809, 12.2512, 16.5759



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.6664, 17.6797, 37.1293



45.2007, 26.9462, 64.4205



23.4600, 16.3971, 20.2445



8.3089, 8.1368, 9.9372



17.2730, 8.3717, 24.8807



0.4885, 0.2361, 0.7343

Inverse Universe

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



26.6664, 17.6797, 37.1293



45.2007, 26.9462, 64.4205



22.4743, 32.7132, 27.4298



8.3089, 8.1368, 9.9372



17.2730, 8.3717, 24.8807



0.4885, 0.2361, 0.7343

Previews

White Background



This preview shows how the XYZ color 26.6658, 17.6789, 37.1289 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 26.6658, 17.6789, 37.1289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

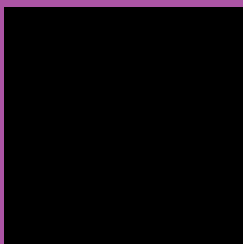
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6658, 17.6789, 37.1289

Background



This preview shows how black text looks on a background with the XYZ color 26.6658, 17.6789, 37.1289.



This preview shows how white text looks on a background with the XYZ color 26.6658, 17.6789,

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

26.6658, 17.6789, 37.1289

Protanopia

19.4495, 18.0539, 51.1748

Deuteranopia

18.3291, 17.9972, 35.3087



Tritanopia

22.2273, 17.6478, 15.5995

Trichromacy



Original Color

26.6658, 17.6789, 37.1289

Protanomaly

20.7620, 17.0884, 45.9202

Deuteranomaly

20.4366, 17.1410, 35.9496

Tritanomaly

23.6166, 17.5505, 21.8815

Monochromacy



Original Color

26.6658, 17.6789, 37.1289

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.0084, 17.4606, 25.2373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6658, 17.6789, 37.1289 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(171, 84, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 84, 164)  
}
```

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(171, 84, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 84, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.6658, 17.6789, 37.1289 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(171, 84, 164) }
```


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

```
.border{ border-color:rgb(171, 84, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 84, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 84, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 84, 164);  
box-shadow:4px 4px 4px 4px rgb(171, 84,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6658, 17.6789, 37.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 84, 164) }
```

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

```
.background{ background-color: rgb(171, 84,  
164) }
```

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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