

Converting Colors

XYZ(34.4376, 26.4886, 47.8050)

Have a look what the booklet for
XYZ(34.4376, 26.4886, 47.8050)
contains.

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Color

**XYZ(34.3317, 26.5161,
47.5646)**

Conversions

Conversions Part 1

Format	Color
Hex	B677B6
RGB	182, 119, 182
RGB Percent	71%, 47%, 71%
CMY	0.2863, 0.5333, 0.2863
CMYK	0.00, 0.35, 0.00, 0.29
HSL	300°, 30%, 59%
HSV	300°, 35%, 71%
XYZ	34.3317, 26.5161, 47.5646
YIQ	145.0190, 17.3250, 32.9490

Conversions

Conversions Part 2

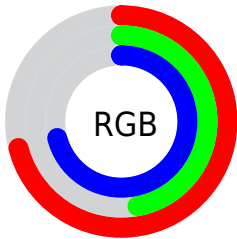
Format	Color
R _Y B	182, 119, 182
Decimal	11958198
CIE Lab	58.52, 34.86, -23.26
CIE LCh	59, 41.913, 326.285
Yxy	26.5161, 0.3167, 0.2446
Android (android.graphics.Color)	4290148278 (0xFFB677B6)
YUV	145.0190, 18.2316, 32.4323
Hunter-Lab	51.4938, 28.8946, -18.7203

Details

The XYZ color **34.3317, 26.5161, 47.5646** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.6665, 38.7106, 23.4679**, and the grayscale version is **26.8454, 28.2435, 30.7572**.

A 20% lighter version of the original color is **65.7817, 54.0288, 87.8504**, and **14.9927, 10.4304, 21.9920** is the 20% darker color. If you saturate the color by 10%, you get **32.3699, 22.5920, 46.9109**, and if you desaturate by 10%, it is **36.7100, 31.2721, 48.3577**.

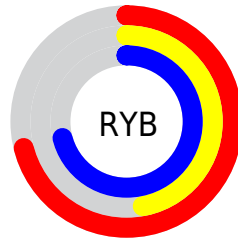
Distribution



Red (71%)

Green (47%)

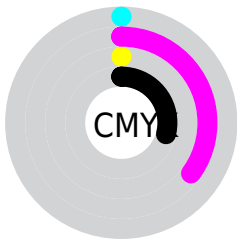
Blue (71%)



Red (71%)

Yellow (47%)

Blue (71%)

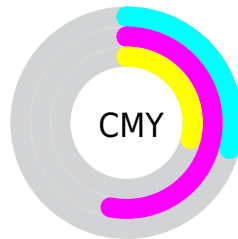


Cyan (0%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (53%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3317, 26.5161, 47.5646 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 34.3317, 26.5161, 47.5646 by changing the saturation by 10% instead.


 34.3317, 26.5161,
47.5646


 34.3317, 26.5161,
47.5646

313.1685,
285.3065, 393.5225


 23.3126, 17.2101,
33.1247


 65.7900, 54.1064,
87.9146

 14.9465, 10.3844,
21.9501


 86.9600, 73.1595,
114.6617

 8.8679, 5.6546,
13.6223


 112.2443, 96.2304,
146.3483

 4.7115, 2.6362,
7.7227

142.0083,
123.7036, 183.3929

 2.1120, 0.9449,
3.8328

176.6174,
155.9634, 226.2141

 0.6957, 0.0000,
1.5341

216.4369,

 0.0000, 0.0000,

193.3942, 275.2304

0.2431

261.8321,
236.3804, 330.8604

■ 0.0000, 0.0000,
0.0000

■ 34.3317, 26.5161,
47.5646

■ 34.3317, 26.5161,
47.5646

■ 32.3699, 22.5920,
46.9109

■ 36.7100, 31.2721,
48.3577

■ 30.7982, 19.4487,
46.3869

■ 39.5240, 36.9002,
49.2958

■ 29.5914, 17.0351,
45.9846

■ 42.7950, 43.4421,
50.3862

■ 28.7202, 15.2926,
45.6941

■ 46.5420, 50.9362,
51.6353

■ 28.1505, 14.1533,
45.5041

■ 50.7831, 59.4182,
53.0490

■ 27.8416, 13.5354,
45.4011

■ 55.5351, 68.9222,
54.6331

■ 27.7352, 13.3226,
45.3656

■ 60.8144, 79.4808,
56.3929

■ 63.4954, 84.8427,
57.2867

■ 63.4954, 84.8427,
57.2867

Harmonies

Analogous

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



29.8288, 26.5161, 62.3347



34.3317, 26.5161, 47.5646



36.3848, 26.5161, 30.7409

Triad

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



34.3317, 26.5161, 47.5646



25.8473, 26.5161, 8.8591



17.3520, 26.5161, 43.2778

Complementary

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



34.3317, 26.5161, 47.5646



27.6665, 38.7106, 23.4679

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.



16.5844, 26.5161, 27.0795



34.3317, 26.5161, 47.5646



21.0816, 26.5161, 10.2260

Square

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



34.3317, 26.5161, 47.5646



31.0847, 26.5161, 11.1700



17.8551, 26.5161, 15.8573



20.1140, 26.5161, 59.3267

Rectangle

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



34.3317, 26.5161, 47.5646



35.9077, 26.5161, 21.6513



17.8551, 26.5161, 15.8573



16.8698, 26.5161, 37.5412

Sweetspot

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



34.3326, 26.5173, 47.5652



74.1869, 71.9612, 90.2154



22.6492, 20.4943, 47.0187



16.2054, 15.5335, 19.8657



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.3326, 26.5173, 47.5652



59.3067, 42.2007, 85.2549



31.4346, 25.3581, 32.3046



9.3810, 9.1628, 11.3536



19.5860, 9.4081, 32.0362



0.6905, 0.3317, 1.1294

Inverse Universe

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



34.3326, 26.5173, 47.5652



59.3067, 42.2007, 85.2549



29.8821, 39.5968, 35.1348



9.3810, 9.1628, 11.3536



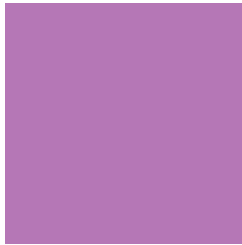
19.5860, 9.4081, 32.0362



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 34.3317, 26.5161, 47.5646 looks on a white background.

Color Contrast Check

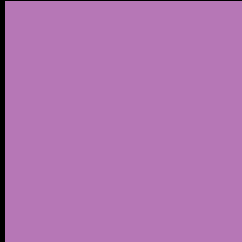
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3317, 26.5161, 47.5646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

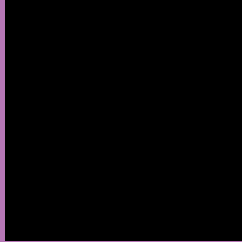
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3317, 26.5161, 47.5646

Background



This preview shows how black text looks on a background with the XYZ color 34.3317, 26.5161, 47.5646.



This preview shows how white text looks on a background with the XYZ color 34.3317, 26.5161,

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

34.3317, 26.5161, 47.5646

Protanopia

27.4790, 26.7074, 56.5301

Deuteranopia

27.1160, 26.5422, 45.8135



Tritanopia

30.2111, 26.5034, 27.5681

Trichromacy



Original Color

34.3317, 26.5161, 47.5646

Protanomaly

29.2673, 26.2376, 53.3910

Deuteranomaly

29.2019, 26.1627, 46.1586

Tritanomaly

31.5264, 26.4653, 34.0185

Monochromacy



Original Color

34.3317, 26.5161, 47.5646

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.0763, 27.3460, 36.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3317, 26.5161, 47.5646 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(182, 119, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 119, 182)  
}
```

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(182, 119, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 119, 182) }
```

Border

The CSS property to change the border of an element to XYZ 34.3317, 26.5161, 47.5646 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(182, 119, 182) }
```


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

```
.border{ border-color:rgb(182, 119, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 119, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 119, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 119, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 119,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3317, 26.5161, 47.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 119, 182) }
```

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

```
.background{ background-color: rgb(182,  
119, 182) }
```

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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