

Converting Colors

XYZ(34.7980, 27.2910, 45.5658)

Have a look what the booklet for
XYZ(34.7980, 27.2910, 45.5658)
contains.

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Color

**XYZ(34.7626, 27.3238,
45.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	B87AB2
RGB	184, 122, 178
RGB Percent	72%, 48%, 70%
CMY	0.2784, 0.5216, 0.3020
CMYK	0.00, 0.34, 0.03, 0.28
HSL	306°, 30%, 60%
HSV	306°, 34%, 72%
XYZ	34.7626, 27.3238, 45.5613
YIQ	146.9220, 18.9760, 30.5600

Conversions

Conversions Part 2

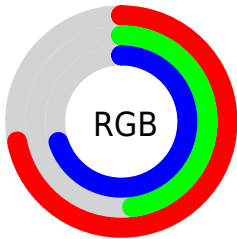
Format	Color
RYB	184, 122, 178
Decimal	12090034
CIELab	59.27, 33.12, -19.81
CIElCh	59, 38.592, 329.112
Yxy	27.3238, 0.3229, 0.2538
Android (android.graphics.Color)	4290280114 (0xFFB87AB2)
YUV	146.9220, 15.3215, 32.5174
Hunter-Lab	52.2722, 27.2317, -15.0876

Details

The XYZ color **34.7626, 27.3238, 45.5613** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.0640, 39.9780, 26.6084**, and the grayscale version is **27.6349, 29.0741, 31.6617**.

A 20% lighter version of the original color is **66.4569, 55.3012, 85.0134**, and **15.2250, 10.8612, 20.6960** is the 20% darker color. If you saturate the color by 10%, you get **32.5363, 23.1549, 43.9429**, and if you desaturate by 10%, it is **37.4207, 32.3515, 47.3356**.

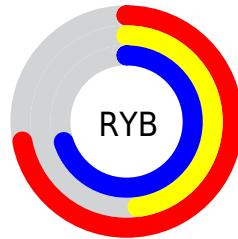
Distribution



Red (72%)

Green (48%)

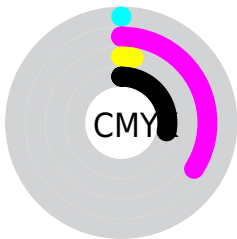
Blue (70%)



Red (72%)

Yellow (48%)

Blue (70%)

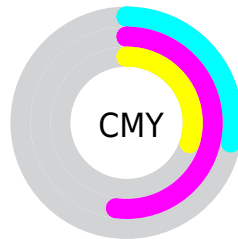


Cyan (0%)

Magenta (34%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (52%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7626, 27.3238, 45.5613 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 34.7626, 27.3238, 45.5613 by changing the saturation by 10% instead.


 34.7626, 27.3238,
45.5613


 34.7626, 27.3238,
45.5613


315.0456,
289.2215, 385.2683


 23.6457, 17.8166,
31.5536


 66.4543, 55.4030,
84.8894

 15.1943, 10.8184,
20.7588


 87.7598, 74.7438,
111.0469

 9.0431, 5.9448,
12.7583


 113.1922, 98.1312,
142.0915

 4.8266, 2.8116,
7.1335

143.1169,
125.9496, 178.4415

 2.1796, 1.0342,
3.4660

177.8993,
158.5835, 220.5157

 0.7320, 0.0000,
1.3372

217.9046,

 0.0000, 0.0000,

196.4171, 268.7326

0.0920

263.4983,
239.8350, 323.5106

■ 0.0000, 0.0000,
0.0000

■ 34.7626, 27.3238,
45.5613

■ 34.7626, 27.3238,
45.5613

■ 32.5363, 23.1549,
43.9429

■ 37.4207, 32.3515,
47.3356

■ 30.7149, 19.7928,
42.4707

■ 40.5303, 38.2790,
49.2717

■ 29.2727, 17.1854,
41.1362

■ 44.1131, 45.1489,
51.3769

■ 28.1800, 15.2732,
39.9295

■ 48.1884, 53.0003,
53.6580

■ 27.4023, 13.9874,
38.8391

■ 52.7747, 61.8699,
56.1210

■ 26.8984, 13.2456,
37.8513

■ 57.8895, 71.7925,
58.7718

■ 26.6680, 12.9507,
37.2632

■ 63.5492, 82.8013,
61.6160

■ 65.0693, 85.5272,
63.0921

■ 65.2682, 85.6068,
64.1395

Harmonies

Analogous

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



30.7450, 27.3238, 59.4839



34.7626, 27.3238, 45.5613



36.3821, 27.3238, 30.1641

Triad

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



34.7626, 27.3238, 45.5613



26.1143, 27.3238, 10.3221



18.6863, 27.3238, 44.6215

Complementary

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



34.7626, 27.3238, 45.5613



29.0640, 39.9780, 26.6084

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.



17.7628, 27.3238, 29.3416



34.7626, 27.3238, 45.5613



21.7177, 27.3238, 12.0659

Square

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



34.7626, 27.3238, 45.5613



31.0242, 27.3238, 12.2926



18.8018, 27.3238, 18.1003



21.4977, 27.3238, 58.8336

Rectangle

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



34.7626, 27.3238, 45.5613



35.7477, 27.3238, 21.8798



18.8018, 27.3238, 18.1003



18.1614, 27.3238, 39.3142

Sweetspot

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



34.7635, 27.3250, 45.5619



75.6618, 73.5830, 90.6273



24.3898, 21.9060, 48.2908



16.1216, 15.5000, 19.4247



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.



34.7635, 27.3250, 45.5619



60.1214, 44.1016, 80.5164



32.0599, 26.2436, 31.3249



9.3424, 9.1473, 11.1507



18.3936, 8.9312, 25.7572



0.6594, 0.3192, 0.9656

Inverse Universe

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



34.7635, 27.3250, 45.5619



60.1214, 44.1016, 80.5164



31.3535, 40.8938, 38.6649



9.3424, 9.1473, 11.1507



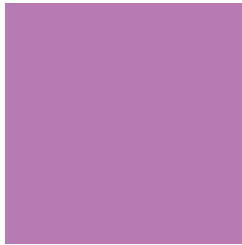
18.3936, 8.9312, 25.7572



0.6594, 0.3192, 0.9656

Previews

White Background



This preview shows how the XYZ color 34.7626, 27.3238, 45.5613 looks on a white background.

Color Contrast Check

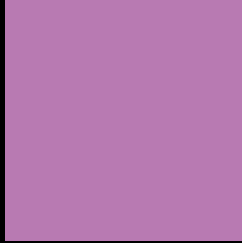
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7626, 27.3238, 45.5613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

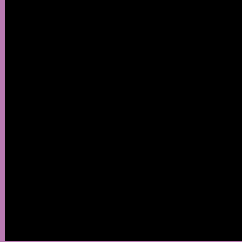
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7626, 27.3238, 45.5613

Background



This preview shows how black text looks on a background with the XYZ color 34.7626, 27.3238, 45.5613.



This preview shows how white text looks on a background with the XYZ color 34.7626, 27.3238,

45.5613.

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

34.7626, 27.3238, 45.5613

Protanopia

28.0926, 27.5227, 53.7009

Deuteranopia

28.1005, 27.5140, 44.3871



Tritanopia

31.3067, 27.4424, 28.4578

Trichromacy



Original Color

34.7626, 27.3238, 45.5613

Protanomaly

29.8892, 27.0276, 50.6552

Deuteranomaly

30.1286, 27.0777, 44.7129

Tritanomaly

32.4782, 27.3356, 34.1364

Monochromacy



Original Color

34.7626, 27.3238, 45.5613

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.7572, 28.1192, 36.2069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7626, 27.3238, 45.5613 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(184, 122, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 122, 178)  
}
```

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(184, 122, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 122, 178) }
```

Border

The CSS property to change the border of an element to XYZ 34.7626, 27.3238, 45.5613 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(184, 122, 178) }
```


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

```
.border{ border-color:rgb(184, 122, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 122, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 122, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 122, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 122,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7626, 27.3238, 45.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 122, 178) }
```

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

```
.background{ background-color: rgb(184,  
122, 178) }
```

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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