

Converting Colors

XYZ(26.7667, 23.1142, 34.0338)

Have a look what the booklet for
XYZ(26.7667, 23.1142, 34.0338)
contains.

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Color

**XYZ(26.7334, 23.0686,
34.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	9E789B
RGB	158, 120, 155
RGB Percent	62%, 47%, 61%
CMY	0.3804, 0.5294, 0.3922
CMYK	0.00, 0.24, 0.02, 0.38
HSL	305°, 16%, 55%
HSV	305°, 24%, 62%
XYZ	26.7334, 23.0686, 34.0540
YIQ	135.3520, 11.4130, 18.9410

Conversions

Conversions Part 2

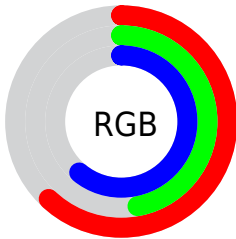
Format	Color
R_{YB}	158, 120, 155
Decimal	10385563
CIE _{Lab}	55.14, 20.95, -13.10
CIE _{LCh}	55, 24.706, 327.984
Yxy	23.0686, 0.3188, 0.2751
Android (android.graphics.Color)	4288575643 (0xFF9E789B)
YUV	135.3520, 9.6865, 19.8623
Hunter-Lab	48.0298, 15.3011, -8.4169

Details

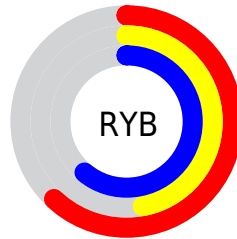
The XYZ color **26.7334, 23.0686, 34.0540** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.5487, 29.8775, 23.2660**, and the grayscale version is **23.1226, 24.3268, 26.4919**.

A 20% lighter version of the original color is **53.8928, 48.6367, 66.8690**, and **10.6958, 8.5701, 14.1872** is the 20% darker color. If you saturate the color by 10%, you get **24.8838, 19.5357, 32.9234**, and if you desaturate by 10%, it is **28.8991, 27.2310, 35.2958**.

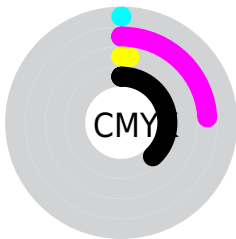
Distribution



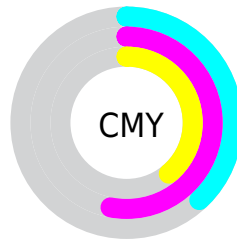
- Red (62%)
- Green (47%)
- Blue (61%)



- Red (62%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7334, 23.0686, 34.0540 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 26.7334, 23.0686, 34.0540 by changing the saturation by 10% instead.

■ 26.7334, 23.0686,
34.0540

■ 26.7334, 23.0686,
34.0540

278.5551,
268.0771, 335.1493

■ 17.5086, 14.6442,
22.6574

■ 53.8787, 48.5059,
67.1525

■ 10.6953, 8.5700,
14.1378

■ 72.5299, 66.2876,
89.6915

■ 5.9281, 4.4618,
8.0767

■ 95.0540, 87.9572,
116.7816

■ 2.8417, 1.9351,
4.0556

121.8164,
113.8991, 148.8415

■ 1.0706, 0.5694,
1.6559

153.1823,
144.4976, 186.2897

■ 0.0003, 0.0000,
0.3302

189.5171,

■ 0.0000, 0.0000,

180.1372, 229.5447

0.0000

231.1863,
221.2022, 279.0250

■ 26.7334, 23.0686,
34.0540

■ 26.7334, 23.0686,
34.0540

■ 24.8838, 19.5357,
32.9234

■ 28.8991, 27.2310,
35.2958

■ 23.3327, 16.5987,
31.8974

■ 31.3930, 32.0486,
36.6521

■ 22.0642, 14.2251,
30.9709

■ 34.2293, 37.5492,
38.1279

■ 21.0600, 12.3784,
30.1379

■ 37.4207, 43.7582,
39.7274

■ 20.2997, 11.0177,
29.3913

■ 40.9792, 50.6996,
41.4548

■ 19.7597, 10.0960,
28.7235

■ 44.9162, 58.3964,
43.3137

■ 19.4120, 9.5570,
28.1250

■ 49.2428, 66.8705,
45.3079

■ 19.2522, 9.3298,
27.7871

■ 53.9695, 76.1430,
47.4409

■ 56.7647, 81.5508,
48.9356

Harmonies

Analogous

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



24.5078, 23.0686, 41.0459



26.7334, 23.0686, 34.0540



27.6601, 23.0686, 25.6555

Triad

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



26.7334, 23.0686, 34.0540



22.1130, 23.0686, 12.7981



17.5712, 23.0686, 32.9336

Complementary

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



26.7334, 23.0686, 34.0540



23.5487, 29.8775, 23.2660

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.



17.0448, 23.0686, 24.5876



26.7334, 23.0686, 34.0540



19.5322, 23.0686, 13.9575

Square

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



26.7334, 23.0686, 34.0540



24.8573, 23.0686, 14.3215



17.7325, 23.0686, 17.9000



19.2347, 23.0686, 40.3095

Rectangle

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



26.7334, 23.0686, 34.0540



27.3627, 23.0686, 20.7172



17.7325, 23.0686, 17.9000



17.2618, 23.0686, 30.1012

Sweetspot

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



26.7341, 23.0696, 34.0545



55.5451, 55.3677, 65.7759



20.9908, 20.0794, 35.1175



12.4659, 12.3730, 14.7985



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.7341, 23.0696, 34.0545



46.6254, 38.2153, 60.6846



25.2950, 22.4940, 26.4763



6.8815, 6.7455, 8.2274



15.4255, 7.4748, 22.2894



0.2818, 0.1361, 0.4302

Inverse Universe

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



26.7341, 23.0696, 34.0545



46.6254, 38.2153, 60.6846



24.8209, 30.3864, 29.9657



6.8815, 6.7455, 8.2274



15.4255, 7.4748, 22.2894



0.2818, 0.1361, 0.4302

Previews

White Background



This preview shows how the XYZ color 26.7334, 23.0686, 34.0540 looks on a white background.

Color Contrast Check

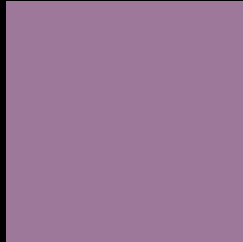
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7334, 23.0686, 34.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

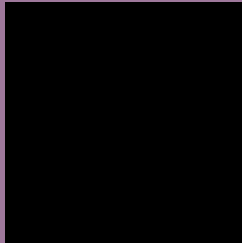
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7334, 23.0686, 34.0540

Background



This preview shows how black text looks on a background with the XYZ color 26.7334, 23.0686, 34.0540.



This preview shows how white text looks on a background with the XYZ color 26.7334, 23.0686,

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

26.7334, 23.0686, 34.0540

Protanopia

23.0953, 23.2012, 37.4434

Deuteranopia

23.5917, 23.1513, 33.3622



Tritanopia

25.0283, 23.1051, 25.6949

Trichromacy



Original Color

26.7334, 23.0686, 34.0540

Protanomaly

24.1639, 23.0003, 35.9668

Deuteranomaly

24.6213, 23.0944, 33.7318

Tritanomaly

25.6757, 23.1868, 28.7134

Monochromacy



Original Color

26.7334, 23.0686, 34.0540

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.1928, 23.7579, 28.9018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7334, 23.0686, 34.0540 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(158, 120, 155)` looks like.

```
.text, #text, p{  
  color:rgb(158, 120, 155)  
}
```

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(158, 120, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 120, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.7334, 23.0686, 34.0540 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(158, 120, 155) }
```


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

```
.border{ border-color:rgb(158, 120, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 120, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 120, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 120, 155);  
box-shadow:4px 4px 4px 4px rgb(158, 120,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7334, 23.0686, 34.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 120, 155) }
```

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

```
.background{ background-color: rgb(158,  
120, 155) }
```

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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