

Converting Colors

XYZ(34.4926, 25.7514, 51.5597)

Have a look what the booklet for
XYZ(34.4926, 25.7514, 51.5597)
contains.

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Color

**XYZ(34.3721, 25.7593,
51.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	B573BD
RGB	181, 115, 189
RGB Percent	71%, 45%, 74%
CMY	0.2902, 0.5490, 0.2588
CMYK	0.04, 0.39, 0.00, 0.26
HSL	294°, 36%, 60%
HSV	294°, 39%, 74%
XYZ	34.3721, 25.7593, 51.3046
YIQ	143.1700, 15.5820, 37.0060

Conversions

Conversions Part 2

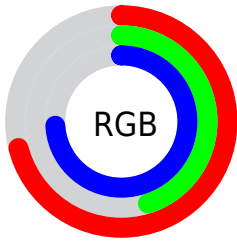
Format	Color
R _Y B	181, 115, 189
Decimal	11891645
CIE Lab	57.81, 38.09, -28.38
CIE LCh	58, 47.497, 323.314
Yxy	25.7593, 0.3084, 0.2312
Android (android.graphics.Color)	4290081725 (0xFFB573BD)
YUV	143.1700, 22.5942, 33.1769
Hunter-Lab	50.7536, 32.0675, -24.4061

Details

The XYZ color **34.3721, 25.7593, 51.3046** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.4613, 41.8446, 22.7448**, and the grayscale version is **26.0852, 27.4437, 29.8862**.

A 20% lighter version of the original color is **65.7440, 52.7750, 93.1077**, and **15.0159, 10.0419, 24.0685** is the 20% darker color. If you saturate the color by 10%, you get **31.9585, 21.6376, 50.6366**, and if you desaturate by 10%, it is **37.2363, 30.7705, 52.1213**.

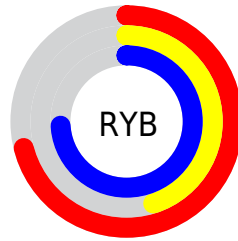
Distribution



Red (71%)

Green (45%)

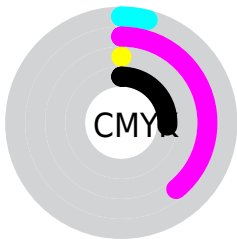
Blue (74%)



Red (71%)

Yellow (45%)

Blue (74%)

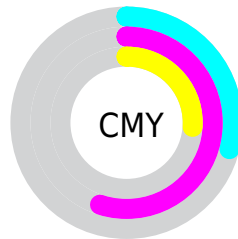


Cyan (4%)

Magenta (39%)

Yellow (0%)

Black (26%)



Cyan (29%)

Magenta (55%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3721, 25.7593, 51.3046 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 34.3721, 25.7593, 51.3046 by changing the saturation by 10% instead.

 34.3721, 25.7593,
51.3046


 34.3721, 25.7593,
51.3046


313.3449,
281.5985, 408.6264


 23.3438, 16.6437,
36.0727


 65.8524, 52.8864,
93.5210

 14.9697, 9.9808,
24.2002


 87.0351, 71.6666,
121.3425

 8.8843, 5.3862,
15.2686


 112.3333, 94.4372,
154.1976

 4.7223, 2.4756,
8.8594

142.1124,
121.5824, 192.5049

 2.1183, 0.8644,
4.5540

176.7378,
153.4868, 236.6829

 0.6992, 0.0000,
1.9339

216.5747,

 0.0000, 0.0000,

190.5347, 287.1501

0.5142

261.9886,
233.1104, 344.3251

■ 0.0000, 0.0000,
0.0000

■ 34.3721, 25.7593,
51.3046

■ 34.3721, 25.7593,
51.3046

■ 31.9585, 21.6376,
50.6366

■ 37.2363, 30.7705,
52.1213

■ 29.9657, 18.3476,
50.1066

■ 40.5733, 36.7177,
53.0933

■ 28.3643, 15.8301,
49.7051


■ 44.4072, 43.6480,
54.2289


■ 27.1200, 14.0166,
49.4206


■ 48.7594, 51.6044,
55.5353


■ 26.1925, 12.8263,
49.2398


■ 53.6503, 60.6274,
57.0191


 25.5098, 12.1155,
49.1386

 59.0989, 70.7553,
58.6869

 25.4553, 12.0616,
49.1310

 65.1235, 82.0245,
60.5445

 68.0622, 87.1113,
61.3715

 68.6021, 87.3897,
61.3967

Harmonies

Analogous

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



29.0849, 25.7593, 67.9039



34.3721, 25.7593, 51.3046



37.0695, 25.7593, 31.8650

Triad

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



34.3721, 25.7593, 51.3046



25.7824, 25.7593, 6.9897



15.7306, 25.7593, 42.4035

Complementary

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



34.3721, 25.7593, 51.3046



29.4613, 41.8446, 22.7448

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.



15.1273, 25.7593, 24.5478



34.3721, 25.7593, 51.3046



20.3948, 25.7593, 7.9626

Square

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



34.3721, 25.7593, 51.3046



31.6364, 25.7593, 9.6487



16.7005, 25.7593, 13.1578



18.4991, 25.7593, 61.5225

Rectangle

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



34.3721, 25.7593, 51.3046



36.7800, 25.7593, 21.4189



16.7005, 25.7593, 13.1578



15.2876, 25.7593, 35.9194

Sweetspot

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



34.3730, 25.7604, 51.3052



77.3486, 74.2083, 96.4731



23.4183, 21.6437, 51.0879



16.4381, 15.6044, 20.6881



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.3730, 25.7604, 51.3052



57.7959, 39.6941, 90.8417



33.5185, 25.6416, 36.7325



9.8256, 9.6425, 12.0155



17.1662, 8.1356, 33.0585



0.7018, 0.3338, 1.2963

Inverse Universe

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



30.6930, 24.5114, 21.8534



50.4312, 37.2322, 30.1913



30.2544, 42.0350, 32.6525



9.5710, 9.5527, 10.1298



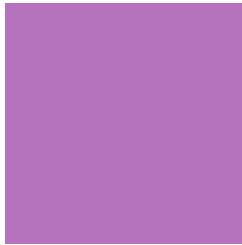
14.2221, 7.3200, 1.1974



0.5712, 0.2924, 0.1213

Previews

White Background



This preview shows how the XYZ color 34.3721, 25.7593, 51.3046 looks on a white background.

Color Contrast Check

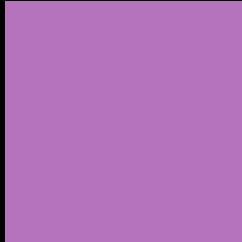
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3721, 25.7593, 51.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

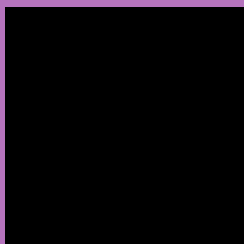
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3721, 25.7593, 51.3046

Background



This preview shows how black text looks on a background with the XYZ color 34.3721, 25.7593, 51.3046.



This preview shows how white text looks on a background with the XYZ color 34.3721, 25.7593,

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

34.3721, 25.7593, 51.3046

Protanopia

27.2887, 26.0606, 61.9844

Deuteranopia

26.6047, 25.9833, 49.5120



Tritanopia

29.3603, 25.6980, 26.7053

Trichromacy



Original Color

34.3721, 25.7593, 51.3046

Protanomaly

29.0908, 25.4461, 58.0219

Deuteranomaly

28.7458, 25.4487, 49.8514

Tritanomaly

31.0074, 25.6327, 34.3237

Monochromacy



Original Color

34.3721, 25.7593, 51.3046

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.6373, 26.4812, 36.8597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3721, 25.7593, 51.3046 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(181, 115, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 115, 189)  
}
```

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(181, 115, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 115, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.3721, 25.7593, 51.3046 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(181, 115, 189) }
```


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

```
.border{ border-color:rgb(181, 115, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 115, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 115, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 115, 189);  
box-shadow:4px 4px 4px 4px rgb(181, 115,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3721, 25.7593, 51.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 115, 189) }
```

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

```
.background{ background-color: rgb(181,  
115, 189) }
```

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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