

Converting Colors

XYZ(36.7561, 26.1606, 53.8606)

Have a look what the booklet for
XYZ(36.7561, 26.1606, 53.8606)
contains.

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Color

**XYZ(36.7994, 26.1233,
54.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6EC2
RGB	191, 110, 194
RGB Percent	75%, 43%, 76%
CMY	0.2510, 0.5686, 0.2392
CMYK	0.02, 0.43, 0.00, 0.24
HSL	298°, 41%, 60%
HSV	298°, 43%, 76%
XYZ	36.7994, 26.1233, 54.1417
YIQ	143.7950, 21.3120, 43.2960

Conversions

Conversions Part 2

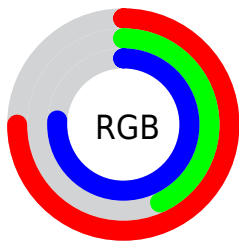
Format	Color
R _Y B	191, 110, 194
Decimal	12545730
CIE Lab	58.15, 44.79, -30.60
CIE LCh	58, 54.245, 325.664
Yxy	26.1233, 0.3144, 0.2232
Android (android.graphics.Color)	4290735810 (0xFFBF6EC2)
YUV	143.7950, 24.7511, 41.3988
Hunter-Lab	51.1110, 39.0741, -27.0281

Details

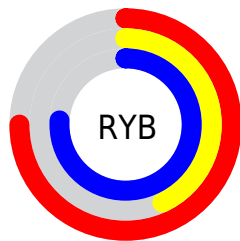
The XYZ color **36.7994, 26.1233, 54.1417** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.9172, 43.2207, 21.5715**, and the grayscale version is **26.3253, 27.6963, 30.1613**.

A 20% lighter version of the original color is **69.7550, 53.6557, 97.9469**, and **16.4000, 10.1538, 25.9064** is the 20% darker color. If you saturate the color by 10%, you get **34.7574, 22.2967, 53.5111**, and if you desaturate by 10%, it is **39.3022, 30.8690, 54.9262**.

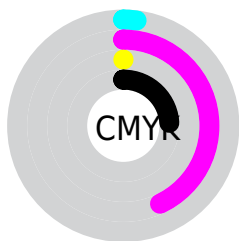
Distribution



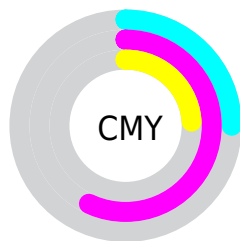
- Red (75%)
- Green (43%)
- Blue (76%)



- Red (75%)
- Yellow (43%)
- Blue (76%)



- Cyan (2%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)





- Cyan (25%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7994, 26.1233, 54.1417 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 36.7994, 26.1233, 54.1417 by changing the saturation by 10% instead.


 36.7994, 26.1233,
54.1417


 36.7994, 26.1233,
54.1417


323.8119,
283.3868, 419.8400


 25.2252, 16.9159,
38.3210


 69.5800, 53.4738,
97.7408


 16.3745, 10.1746,
25.9282


 91.5171, 72.3857,
126.3562

 9.8821, 5.5148,
16.5446


 117.6391, 95.3012,
160.0737

 5.3825, 2.5524,
9.7518

 148.3116,
122.6047, 199.3117

 2.5104, 0.9028,
5.1313

183.8997,
154.6806, 244.4888

 0.9005, 0.0000,
2.2644

224.7689,

 0.0000, 0.0000,

191.9134, 296.0235

0.7112

271.2845,
234.6873, 354.3344

■ 0.0000, 0.0000,
0.0000

■ 36.7994, 26.1233,
54.1417

■ 36.7994, 26.1233,
54.1417

■ 34.7574, 22.2967,
53.5111

■ 39.3022, 30.8690,
54.9262

■ 33.1433, 19.3253,
53.0226

■ 42.2906, 36.5852,
55.8720

■ 31.9241, 17.1426,
52.6656

■ 45.7907, 43.3239,
56.9882

■ 31.0610, 15.6707,
52.4270

■ 49.8263, 51.1321,
58.2827

■ 30.5069, 14.8158,
52.2911

■ 54.4194, 60.0541,
59.7627

■ 30.2491, 14.4691,
52.2378

■ 59.5907, 70.1314,
61.4353

■ 65.3602, 81.4038,
63.3070

■ 68.4042, 87.2238,
64.2699

■ 68.5855, 87.3173,
64.2784

Harmonies

Analogous

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



30.7167, 26.1233, 75.1474



36.7994, 26.1233, 54.1417



39.6884, 26.1233, 31.2698

Triad

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



36.7994, 26.1233, 54.1417



25.7975, 26.1233, 5.4621



15.0891, 26.1233, 47.1817

Complementary

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



36.7994, 26.1233, 54.1417



28.9172, 43.2207, 21.5715

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.



14.2368, 26.1233, 25.7935



36.7994, 26.1233, 54.1417



19.7470, 26.1233, 6.6997

Square

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



36.7994, 26.1233, 54.1417



32.6642, 26.1233, 7.7988



15.7852, 26.1233, 12.5200



18.3598, 26.1233, 70.0369

Rectangle

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



36.7994, 26.1233, 54.1417



39.0989, 26.1233, 19.7457



15.7852, 26.1233, 12.5200



14.5380, 26.1233, 39.3816

Sweetspot

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



36.8003, 26.1245, 54.1423



83.0226, 78.6109, 103.2675



22.2090, 19.2911, 53.5923



17.8500, 16.5761, 22.5087



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.8003, 26.1245, 54.1423



63.1281, 40.6875, 96.9960



33.8426, 25.0294, 34.5899



10.4606, 10.2286, 12.7078



19.9032, 9.5209, 34.3453



0.8712, 0.4172, 1.4845

Inverse Universe

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



30.8056, 23.8146, 18.5970



50.9239, 36.0000, 23.9572



31.0526, 44.0310, 34.7974



10.0874, 10.0836, 10.5510



14.6589, 7.5533, 0.8501



0.6385, 0.3284, 0.0637

Previews

White Background



This preview shows how the XYZ color 36.7994, 26.1233, 54.1417 looks on a white background.

Color Contrast Check

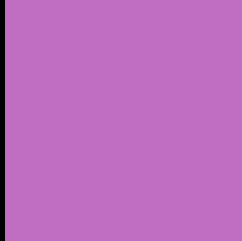
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7994, 26.1233, 54.1417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

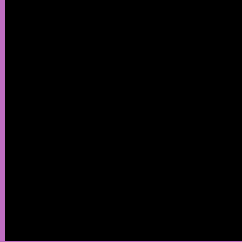
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.7994, 26.1233, 54.1417

Background



This preview shows how black text looks on a background with the XYZ color 36.7994, 26.1233, 54.1417.



This preview shows how white text looks on a background with the XYZ color 36.7994, 26.1233,

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

36.7994, 26.1233, 54.1417

Protanopia

28.1652, 26.5796, 68.6116

Deuteranopia

26.8780, 26.2867, 51.8013



Tritanopia

30.9697, 26.1760, 25.6105

Trichromacy



Original Color

36.7994, 26.1233, 54.1417



Protanomaly

30.0888, 25.6551, 63.0406



Deuteranomaly

29.7008, 25.6840, 52.6823



Tritanomaly

32.7629, 25.9993, 34.3019

Monochromacy



Original Color

36.7994, 26.1233, 54.1417



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

29.4708, 26.6882, 37.7805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7994, 26.1233, 54.1417 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(191, 110, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 110, 194)  
}
```

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(191, 110, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 110, 194) }
```

Border

The CSS property to change the border of an element to XYZ 36.7994, 26.1233, 54.1417 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(191, 110, 194) }
```


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

```
.border{ border-color:rgb(191, 110, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 110, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 110, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 110, 194); box-shadow:4px 4px 4px 4px rgb(191, 110, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7994, 26.1233, 54.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 110, 194) }
```

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

```
.background{ background-color: rgb(191,  
110, 194) }
```

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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