

Converting Colors

XYZ(31.6406, 24.6766, 35.3085)

Have a look what the booklet for
XYZ(31.6406, 24.6766, 35.3085)
contains.

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Color

**XYZ(31.5937, 24.6752,
35.4454)**

Conversions

Conversions Part 1

Format	Color
Hex	B6739E
RGB	182, 115, 158
RGB Percent	71%, 45%, 62%
CMY	0.2863, 0.5490, 0.3804
CMYK	0.00, 0.37, 0.13, 0.29
HSL	321°, 31%, 58%
HSV	321°, 37%, 71%
XYZ	31.5937, 24.6752, 35.4454
YIQ	139.9350, 26.1290, 27.5770

Conversions

Conversions Part 2

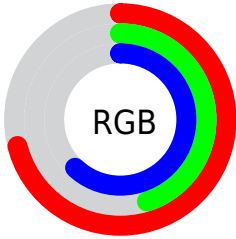
Format	Color
RYB	182, 115, 158
Decimal	11957150
CIELab	56.76, 32.75, -12.14
CIELCh	57, 34.924, 339.662
Yxy	24.6752, 0.3445, 0.2690
Android (android.graphics.Color)	4290147230 (0xFFB6739E)
YUV	139.9350, 8.9060, 36.8910
Hunter-Lab	49.6741, 26.5997, -7.5350

Details

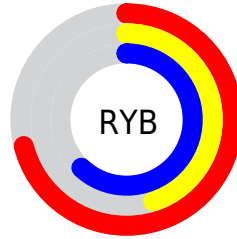
The XYZ color **31.5937, 24.6752, 35.4454** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.4595, 38.9655, 30.4489**, and the grayscale version is **24.8621, 26.1569, 28.4848**.

A 20% lighter version of the original color is **61.6095, 51.1601, 69.5785**, and **13.4462, 9.4313, 15.0217** is the 20% darker color. If you saturate the color by 10%, you get **29.1733, 20.7085, 31.9429**, and if you desaturate by 10%, it is **34.4551, 29.4755, 39.2423**.

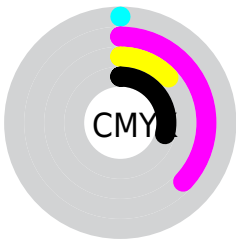
Distribution



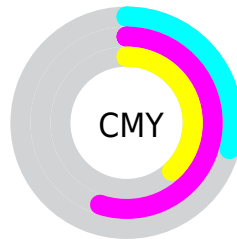
- Red (71%)
- Green (45%)
- Blue (62%)



- Red (71%)
- Yellow (45%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (13%)
- Black (29%)





- Cyan (29%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5937, 24.6752, 35.4454 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 31.5937, 24.6752, 35.4454 by changing the saturation by 10% instead.

 31.5937, 24.6752,
35.4454


 31.5937, 24.6752,
35.4454


301.0425,
276.2165, 341.4938

 21.2054, 15.8352,
23.7199


 61.5431, 51.1298,
69.3346

 13.3875, 9.4076,
14.9157


 81.8349, 69.5132,
92.3353

 7.7748, 5.0080,
8.6143


 106.1586, 91.8466,
119.9315

 4.0018, 2.2520,
4.3971

134.8795,
118.5143, 152.5418

 1.7031, 0.7481,
1.8456

168.3630,
149.9008, 190.5846

 0.4582, 0.0000,
0.4578

206.9744,

 0.0000, 0.0000,

186.3904, 234.4785

0.0000

251.0791,
228.3675, 284.6420

■ 31.5937, 24.6752,
35.4454

■ 31.5937, 24.6752,
35.4454

■ 29.1733, 20.7085,
31.9429

■ 34.4551, 29.4755,
39.2423

■ 27.1669, 17.5234,
28.7229

■ 37.7780, 35.1507,
43.3419

■ 25.5482, 15.0672,
25.7744

■ 41.5841, 41.7434,
47.7538

■ 24.2863, 13.2794,
23.0849

■ 45.8932, 49.2923,
52.4869

■ 23.3457, 12.0896,
20.6400

■ 50.7240, 57.8341,
57.5492

■ 22.6773, 11.4002,
18.4209

■ 56.0941, 67.4034,
62.9488

■ 22.4909, 11.2249,
17.7501

■ 62.0202, 78.0332,
68.6932

■ 66.7042, 86.1262,
74.1850

■ 67.5342, 86.4582,
78.5555

Harmonies

Analogous

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



28.8178, 24.6752, 48.1087



31.5937, 24.6752, 35.4454



32.0562, 24.6752, 23.2743

Triad

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



31.5937, 24.6752, 35.4454



22.1625, 24.6752, 10.2616



17.9235, 24.6752, 43.8849

Complementary

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



31.5937, 24.6752, 35.4454



28.4595, 38.9655, 30.4489

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.



16.5458, 24.6752, 30.8118



31.5937, 24.6752, 35.4454



18.7992, 24.6752, 13.0302

Square

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



31.5937, 24.6752, 35.4454



26.2831, 24.6752, 10.8410



16.8467, 24.6752, 19.7982



20.8338, 24.6752, 53.8784

Rectangle

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



31.5937, 24.6752, 35.4454



30.9417, 24.6752, 17.2220



16.8467, 24.6752, 19.7982



17.2821, 24.6752, 39.5722

Sweetspot

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



31.5944, 24.6763, 35.4459



72.2617, 70.2411, 83.0063



25.1312, 21.0820, 47.0010



15.7550, 15.1584, 18.0953



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.



31.5944, 24.6763, 35.4459



53.7344, 38.9112, 59.1814



29.1279, 23.6897, 22.4575



9.2407, 9.1066, 10.6147



15.9153, 7.9399, 12.7066



0.5895, 0.2913, 0.5975

Inverse Universe

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



31.5944, 24.6763, 35.4459



53.7344, 38.9112, 59.1814



31.2406, 40.0780, 45.0945



9.2407, 9.1066, 10.6147



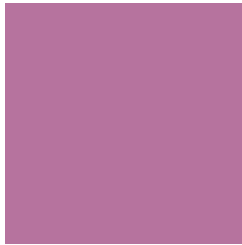
15.9153, 7.9399, 12.7066



0.5895, 0.2913, 0.5975

Previews

White Background



This preview shows how the XYZ color 31.5937, 24.6752, 35.4454 looks on a white background.

Color Contrast Check

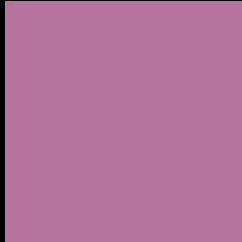
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5937, 24.6752, 35.4454 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 31.5937, 24.6752, 35.4454

Background



This preview shows how black text looks on a background with the XYZ color 31.5937, 24.6752, 35.4454.



This preview shows how white text looks on a background with the XYZ color 31.5937, 24.6752,

35.4454.

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

31.5937, 24.6752, 35.4454

Protanopia

25.0125, 24.8957, 42.5168

Deuteranopia

25.2884, 24.8043, 34.4652



Tritanopia

29.3361, 24.6284, 24.3267

Trichromacy



Original Color

31.5937, 24.6752, 35.4454

Protanomaly

26.9070, 24.5243, 39.8747

Deuteranomaly

27.1719, 24.3899, 34.7281

Tritanomaly

30.0344, 24.5536, 27.9673

Monochromacy



Original Color

31.5937, 24.6752, 35.4454

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.9003, 25.3077, 31.0708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5937, 24.6752, 35.4454 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, 115, 158)` looks like.

```
.text, #text, p{  
    color:rgb(182, 115, 158)  
}
```

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, 115, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 115, 158) }
```

Border

The CSS property to change the border of an element to XYZ 31.5937, 24.6752, 35.4454 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, 115, 158) }
```


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

```
.border{ border-color:rgb(182, 115, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 115, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 115, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 115, 158);  
box-shadow:4px 4px 4px 4px rgb(182, 115,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5937, 24.6752, 35.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 115, 158) }
```

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

```
.background{ background-color: rgb(182,  
115, 158) }
```

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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