

Converting Colors

XYZ(32.5191, 23.9825, 35.2641)

Have a look what the booklet for
XYZ(32.5191, 23.9825, 35.2641)
contains.

XYZ(32.5204, 24.0126, 35.2686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5204, 24.0126,
35.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6C9E
RGB	189, 108, 158
RGB Percent	74%, 42%, 62%
CMY	0.2588, 0.5765, 0.3804
CMYK	0.00, 0.43, 0.16, 0.26
HSL	323°, 38%, 58%
HSV	323°, 43%, 74%
XYZ	32.5204, 24.0126, 35.2686
YIQ	137.9190, 32.2260, 32.7220

Conversions

Conversions Part 2

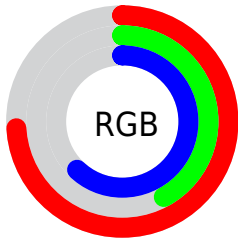
Format	Color
R_{YB}	189, 108, 158
Decimal	12414110
CIE _{Lab}	56.10, 38.93, -13.04
CIE _{LCh}	56, 41.060, 341.480
Yxy	24.0126, 0.3542, 0.2616
Android (android.graphics.Color)	4290604190 (0xFFBD6C9E)
YUV	137.9190, 9.8999, 44.7980
Hunter-Lab	49.0027, 32.7061, -8.3708

Details

The XYZ color **32.5204, 24.0126, 35.2686** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **29.0433, 41.4482, 30.8976**, and the grayscale version is **24.0822, 25.3363, 27.5913**.

A 20% lighter version of the original color is **63.1129, 50.0680, 69.2885**, and **13.9485, 9.0561, 14.9228** is the 20% darker color. If you saturate the color by 10%, you get **30.1345, 20.2079, 31.4912**, and if you desaturate by 10%, it is **35.3764, 28.6983, 39.3840**.

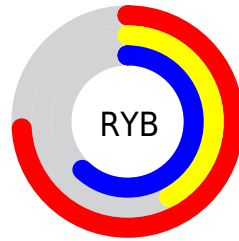
Distribution



Red (74%)

Green (42%)

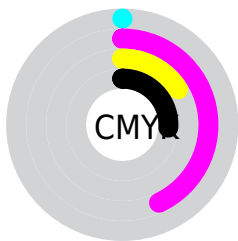
Blue (62%)



Red (74%)

Yellow (42%)

Blue (62%)

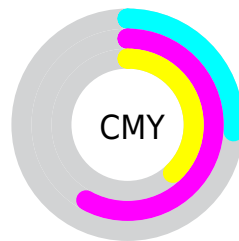


Cyan (0%)

Magenta (43%)

Yellow (16%)

Black (26%)



Cyan (26%)

Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5204, 24.0126, 35.2686 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 32.5204, 24.0126, 35.2686 by changing the saturation by 10% instead.

■ 32.5204, 24.0126,
35.2686

■ 32.5204, 24.0126,
35.2686

305.1864,
272.8842, 340.6925

■ 21.9168, 15.3430,
23.5846

■ 62.9857, 50.0508,
69.0579

■ 13.9120, 9.0604,
14.8165

■ 83.5781, 68.1881,
92.0004

■ 8.1408, 4.7806,
8.5455

■ 108.2309, 90.2501,
119.5328

■ 4.2377, 2.1191,
4.3532

■ 137.3092,
116.6212, 152.0737

■ 1.8375, 0.6754,
1.8210

171.1786,
147.6857, 190.0415

■ 0.5401, 0.0000,
0.4418

210.2044,

■ 0.0000, 0.0000,

183.8281, 233.8549

0.0000

254.7518,
225.4328, 283.9324

■ 32.5204, 24.0126,
35.2686

■ 32.5204, 24.0126,
35.2686

■ 30.1345, 20.2079,
31.4912

■ 35.3764, 28.6983,
39.3840

■ 28.1878, 17.2243,
28.0378

■ 38.7267, 34.3132,
43.8479

■ 26.6489, 14.9994,
24.8949


■ 42.5963, 40.9061,
48.6716


■ 25.4807, 13.4606,
22.0469


■ 47.0078, 48.5212,
53.8655


■ 24.6393, 12.5208,
19.4759


■ 51.9824, 57.2002,
59.4397

 24.1775, 12.0953,
17.7863

 57.5402, 66.9822,
65.4035

 63.7002, 77.9046,
71.7659

 69.1244, 87.2901,
78.0836

 70.0798, 87.6722,
83.1147

Harmonies

Analogous

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



29.3547, 24.0126, 50.7547



32.5204, 24.0126, 35.2686



32.8859, 24.0126, 21.3211

Triad

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



32.5204, 24.0126, 35.2686



21.0698, 24.0126, 8.0879



16.6946, 24.0126, 47.3335

Complementary

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



32.5204, 24.0126, 35.2686



29.0433, 41.4482, 30.8976

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.



15.0563, 24.0126, 31.6481



32.5204, 24.0126, 35.2686



17.3405, 24.0126, 11.1428

Square

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



32.5204, 24.0126, 35.2686



25.8190, 24.0126, 8.4704



15.2753, 24.0126, 18.7495



20.0687, 24.0126, 59.2085

Rectangle

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



32.5204, 24.0126, 35.2686



31.4400, 24.0126, 14.8161



15.2753, 24.0126, 18.7495



15.9451, 24.0126, 42.1420

Sweetspot

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



32.5211, 24.0137, 35.2691



76.0284, 72.8144, 86.8538



24.9807, 19.7783, 50.6455



16.0038, 15.0664, 18.2555



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.



32.5211, 24.0137, 35.2691



54.3770, 36.8299, 57.0758



29.6676, 22.8723, 20.2424



9.7710, 9.6327, 11.1829



16.3055, 8.1533, 12.1682



0.6697, 0.3318, 0.6398

Inverse Universe

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



32.5211, 24.0137, 35.2691



54.3770, 36.8299, 57.0758



32.4388, 42.8064, 48.7782



9.7710, 9.6327, 11.1829



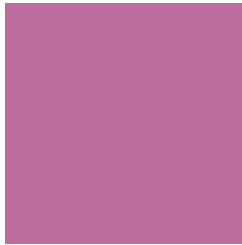
16.3055, 8.1533, 12.1682



0.6697, 0.3318, 0.6398

Previews

White Background



This preview shows how the XYZ color 32.5204, 24.0126, 35.2686 looks on a white background.

Color Contrast Check

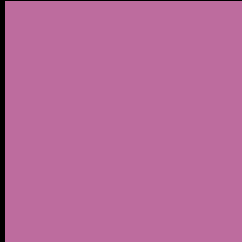
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5204, 24.0126, 35.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

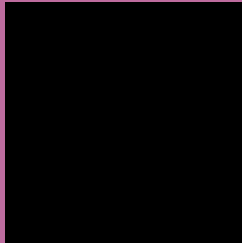
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5204, 24.0126, 35.2686

Background



This preview shows how black text looks on a background with the XYZ color 32.5204, 24.0126, 35.2686.



This preview shows how white text looks on a background with the XYZ color 32.5204, 24.0126,

35.2686.

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

32.5204, 24.0126, 35.2686

Protanopia

24.5362, 24.1947, 44.4511

Deuteranopia

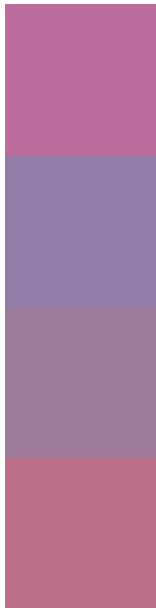
24.5965, 24.0547, 33.9185



Tritanopia

29.7135, 24.0058, 21.8064

Trichromacy



Original Color

32.5204, 24.0126, 35.2686

Protanomaly

26.5818, 23.5758, 40.6857

Deuteranomaly

26.9040, 23.7006, 34.1670

Tritanomaly

30.4878, 23.8050, 26.2805

Monochromacy



Original Color

32.5204, 24.0126, 35.2686

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.6048, 24.3912, 30.0938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5204, 24.0126, 35.2686 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(189, 108, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 108, 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(189, 108, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 108, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.5204, 24.0126, 35.2686 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(189, 108, 158) }
```


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

```
.border{ border-color:rgb(189, 108, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 108, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 108, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 108, 158);  
box-shadow:4px 4px 4px 4px rgb(189, 108,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5204, 24.0126, 35.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 108, 158) }
```

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

```
.background{ background-color: rgb(189,  
108, 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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