

Converting Colors

XYZ(32.6928, 25.5394, 30.6006)

Have a look what the booklet for
XYZ(32.6928, 25.5394, 30.6006)
contains.

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Color

**XYZ(32.6689, 25.5133,
30.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7492
RGB	190, 116, 146
RGB Percent	75%, 45%, 57%
CMY	0.2549, 0.5451, 0.4274
CMYK	0.00, 0.39, 0.23, 0.25
HSL	336°, 36%, 60%
HSV	336°, 39%, 75%
XYZ	32.6689, 25.5133, 30.3968
YIQ	141.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

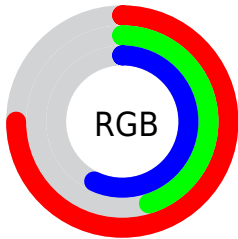
Format	Color
RYB	190, 116, 146
Decimal	12481682
CIELab	57.57, 33.12, -3.86
CIElCh	58, 33.346, 353.345
Yxy	25.5133, 0.3688, 0.2880
Android (android.graphics.Color)	4290671762 (0xFFBE7492)
YUV	141.5460, 2.1958, 42.4942
Hunter-Lab	50.5107, 27.0551, -0.3226

Details

The XYZ color **32.6689, 25.5133, 30.3968** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.9623, 43.0786, 39.8904**, and the grayscale version is **25.5148, 26.8435, 29.2326**.

A 20% lighter version of the original color is **63.3247, 52.5025, 61.4400**, and **14.0512, 9.8919, 12.2351** is the 20% darker color. If you saturate the color by 10%, you get **29.8627, 21.2384, 25.3376**, and if you desaturate by 10%, it is **36.0113, 30.7211, 36.0639**.

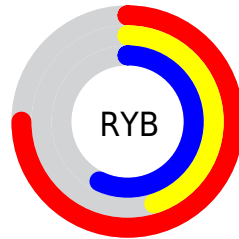
Distribution



Red (75%)

Green (45%)

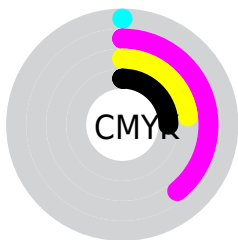
Blue (57%)



Red (75%)

Yellow (45%)

Blue (57%)

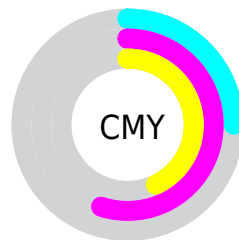


Cyan (0%)

Magenta (39%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6689, 25.5133, 30.3968 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 32.6689, 25.5133, 30.3968 by changing the saturation by 10% instead.

 32.6689, 25.5133,
30.3968


 32.6689, 25.5133,
30.3968


305.8466,
280.3847, 318.0144


 22.0309, 16.4599,
19.8854


 63.2164, 52.4887,
61.3575

 13.9964, 9.8502,
12.1285


 83.8566, 71.1795,
82.6439

 8.1998, 5.2997,
6.7076


 108.5617, 93.8516,
108.3590

 4.2760, 2.4242,
3.2043

137.6969,
120.8893, 138.9214

 1.8594, 0.8383,
1.1999

171.6277,
152.6771, 174.7496

 0.5531, 0.0000,
0.0000

210.7193,

 0.0000, 0.0000,

189.5993, 216.2621

0.0000

255.3371,
232.0404, 263.8775

■ 32.6689, 25.5133,
30.3968

■ 32.6689, 25.5133,
30.3968

■ 29.8627, 21.2384,
25.3376

■ 36.0113, 30.7211,
36.0639

■ 27.5606, 17.8369,
20.8623

■ 39.9154, 36.9096,
42.3584

■ 25.7301, 15.2479,
16.9474


■ 44.4073, 44.1274,
49.3006


■ 24.3338, 13.4010,
13.5670


■ 49.5113, 52.4189,
56.9097

■ 23.3282, 12.2136,
10.6920


■ 55.2497, 61.8259,
65.2037


 22.6398, 11.5438,
8.2827

 61.6442, 72.3881,
74.2001

 22.5756, 11.4833,
8.0516

 68.7150, 84.1429,
83.9156

 72.1915, 88.5457,
92.9362

 73.8893, 89.2248,
101.8766

Harmonies

Analogous

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



30.9187, 25.5133, 43.0186



32.6689, 25.5133, 30.3968



31.9729, 25.5133, 19.9712

Triad

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



32.6689, 25.5133, 30.3968



21.3429, 25.5133, 12.1293



19.9635, 25.5133, 49.3222

Complementary

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



32.6689, 25.5133, 30.3968



31.9623, 43.0786, 39.8904

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.



17.8825, 25.5133, 37.3967



32.6689, 25.5133, 30.3968



18.6159, 25.5133, 16.6458

Square

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



32.6689, 25.5133, 30.3968



25.1470, 25.5133, 11.2066



17.4175, 25.5133, 25.3172



23.3738, 25.5133, 55.7163

Rectangle

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



32.6689, 25.5133, 30.3968



30.2490, 25.5133, 15.2924



17.4175, 25.5133, 25.3172



19.1011, 25.5133, 45.6935

Sweetspot

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



32.6696, 25.5145, 30.3973



77.7076, 75.5050, 85.1207



29.8719, 23.5979, 51.6958



16.8242, 16.1946, 18.3228



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.6696, 25.5145, 30.3973



54.6686, 39.3194, 46.9443



31.3686, 26.1695, 19.9225



9.6861, 9.5988, 10.7362



15.0482, 7.6504, 5.5473



0.6220, 0.3127, 0.3885

Inverse Universe

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



32.6696, 25.5145, 30.3973



54.6686, 39.3194, 46.9443



33.6035, 41.6431, 54.9822



9.6861, 9.5988, 10.7362



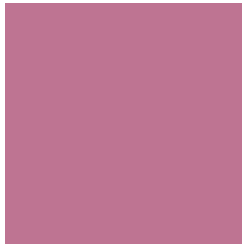
15.0482, 7.6504, 5.5473



0.6220, 0.3127, 0.3885

Previews

White Background



This preview shows how the XYZ color 32.6689, 25.5133, 30.3968 looks on a white background.

Color Contrast Check

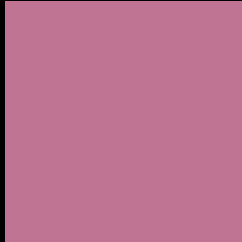
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6689, 25.5133, 30.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

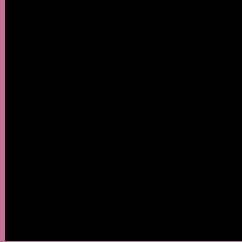
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6689, 25.5133, 30.3968

Background



This preview shows how black text looks on a background with the XYZ color 32.6689, 25.5133, 30.3968.



This preview shows how white text looks on a background with the XYZ color 32.6689, 25.5133,

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

32.6689, 25.5133, 30.3968

Protanopia

25.3382, 25.8311, 36.4513

Deuteranopia

26.0607, 25.5174, 29.5384



Tritanopia

31.2321, 25.4435, 23.6871

Trichromacy



Original Color

32.6689, 25.5133, 30.3968

Protanomaly

27.3329, 25.2669, 34.0083

Deuteranomaly

28.1405, 25.1917, 29.7649

Tritanomaly

31.8379, 25.5250, 26.1704

Monochromacy



Original Color

32.6689, 25.5133, 30.3968

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.6435, 26.1292, 29.5731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6689, 25.5133, 30.3968 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(190, 116, 146)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 146)  
}
```

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(190, 116, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.6689, 25.5133, 30.3968 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(190, 116, 146) }
```


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

```
.border{ border-color:rgb(190, 116, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 116, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 146);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6689, 25.5133, 30.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 146) }
```

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

```
.background{ background-color: rgb(190,  
116, 146) }
```

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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