

Converting Colors

XYZ(32.5501, 23.5670, 30.2740)

Have a look what the booklet for
XYZ(32.5501, 23.5670, 30.2740)
contains.

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Color

**XYZ(32.4649, 23.4765,
30.4241)**

Conversions

Conversions Part 1

Format	Color
Hex	C26893
RGB	194, 104, 147
RGB Percent	76%, 41%, 58%
CMY	0.2392, 0.5921, 0.4235
CMYK	0.00, 0.46, 0.24, 0.24
HSL	331°, 42%, 58%
HSV	331°, 46%, 76%
XYZ	32.4649, 23.4765, 30.4241
YIQ	135.8120, 39.8370, 32.4530

Conversions

Conversions Part 2

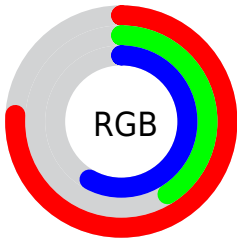
Format	Color
RYB	194, 104, 147
Decimal	12740755
CIELab	55.56, 41.06, -7.37
CIELCh	56, 41.721, 349.821
Yxy	23.4765, 0.3759, 0.2718
Android (android.graphics.Color)	4290930835 (0xFFC26893)
YUV	135.8120, 5.5157, 51.0309
Hunter-Lab	48.4526, 34.8093, -3.3123

Details

The XYZ color **32.4649, 23.4765, 30.4241** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.5877, 43.7616, 36.1149**, and the grayscale version is **23.3017, 24.5152, 26.6970**.

A 20% lighter version of the original color is **62.7445, 49.0264, 61.4144**, and **13.8657, 8.7940, 12.0329** is the 20% darker color. If you saturate the color by 10%, you get **29.9717, 19.7068, 25.8418**, and if you desaturate by 10%, it is **35.4787, 28.1749, 35.5259**.

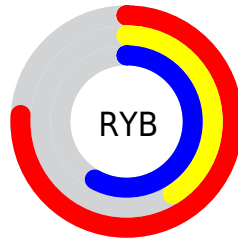
Distribution



Red (76%)

Green (41%)

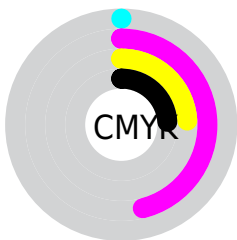
Blue (58%)



Red (76%)

Yellow (41%)

Blue (58%)

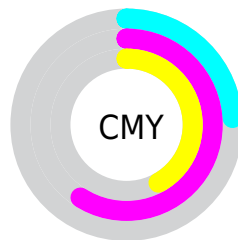


Cyan (0%)

Magenta (46%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (59%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4649, 23.4765, 30.4241 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 32.4649, 23.4765, 30.4241 by changing the saturation by 10% instead.

 32.4649, 23.4765,
30.4241


 32.4649, 23.4765,
30.4241


304.9394,
270.1630, 318.1449


 21.8741, 14.9457,
19.9059


 62.8995, 49.1746,
61.4011


 13.8805, 8.7813,
12.1433


 83.4740, 67.1107,
82.6971

 8.1188, 4.5988,
6.7176


 108.1071, 88.9507,
108.4227

 4.2235, 2.0139,
3.2104

 137.1642,
115.0790, 138.9966

 1.8293, 0.6155,
1.2030

171.0106,
145.8800, 174.8372

 0.5352, 0.0000,
0.0000

210.0117,

 0.0000, 0.0000,

181.7380, 216.3631

0.0000

254.5329,
223.0376, 263.9928

■ 32.4649, 23.4765,
30.4241

■ 32.4649, 23.4765,
30.4241

■ 29.9717, 19.7068,
25.8418

■ 35.4787, 28.1749,
35.5259

■ 27.9640, 16.7990,
21.7578

■ 39.0410, 33.8556,
41.1644

■ 26.4054, 14.6833,
18.1508


■ 43.1800, 40.5725,
47.3574


■ 25.2529, 13.2767,
14.9970


■ 47.9216, 48.3743,
54.1215


■ 24.4514, 12.4723,
12.2679


■ 53.2898, 57.3066,
61.4725

 24.2101, 12.2541,
11.3721

 59.3073, 67.4125,
69.4254

 65.9957, 78.7329,
77.9947

 72.0193, 88.5938,
86.7422

 73.4681, 89.1733,
94.3715

Harmonies

Analogous

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



29.9712, 23.4765, 46.2081



32.4649, 23.4765, 30.4241



31.9618, 23.4765, 17.7387

Triad

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



32.4649, 23.4765, 30.4241



19.3822, 23.4765, 8.1043



16.9668, 23.4765, 50.9340

Complementary

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



32.4649, 23.4765, 30.4241



30.5877, 43.7616, 36.1149

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.



14.8335, 23.4765, 35.4015



32.4649, 23.4765, 30.4241



16.0860, 23.4765, 12.2160

Square

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



32.4649, 23.4765, 30.4241



23.9525, 23.4765, 7.5910



14.5355, 23.4765, 21.2475



20.7515, 23.4765, 60.5229

Rectangle

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



32.4649, 23.4765, 30.4241



30.0156, 23.4765, 12.2921



14.5355, 23.4765, 21.2475



16.0568, 23.4765, 46.0239

Sweetspot

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



32.4656, 23.4776, 30.4246



79.9987, 76.4005, 88.3665



27.3589, 20.3285, 53.5210



17.1260, 16.0877, 18.7806



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.



32.4656, 23.4776, 30.4246



54.0992, 35.4048, 46.4285



29.8504, 22.6753, 15.9015



10.2691, 10.1562, 11.5076



15.9583, 8.0731, 7.6924



0.7243, 0.3627, 0.5157

Inverse Universe

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



32.4656, 23.4776, 30.4246



54.0992, 35.4048, 46.4285



34.4069, 44.7579, 57.8649



10.2691, 10.1562, 11.5076



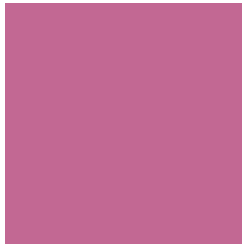
15.9583, 8.0731, 7.6924



0.7243, 0.3627, 0.5157

Previews

White Background



This preview shows how the XYZ color 32.4649, 23.4765, 30.4241 looks on a white background.

Color Contrast Check

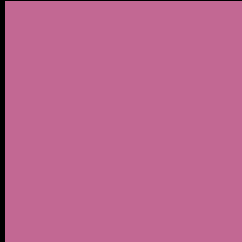
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4649, 23.4765, 30.4241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

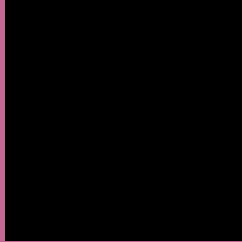
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4649, 23.4765, 30.4241

Background



This preview shows how black text looks on a background with the XYZ color 32.4649, 23.4765, 30.4241.



This preview shows how white text looks on a background with the XYZ color 32.4649, 23.4765,

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

32.4649, 23.4765, 30.4241

Protanopia

23.7384, 23.6913, 39.3981

Deuteranopia

24.0959, 23.6992, 29.2910



Tritanopia

30.3318, 23.5362, 20.0838

Trichromacy



Original Color

32.4649, 23.4765, 30.4241

Protanomaly

25.9800, 23.0016, 35.8713

Deuteranomaly

26.5694, 23.2654, 29.4759

Tritanomaly

31.0632, 23.5166, 23.6708

Monochromacy



Original Color

32.4649, 23.4765, 30.4241

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.8459, 23.4769, 27.9802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4649, 23.4765, 30.4241 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(194, 104, 147)` looks like.

```
.text, #text, p{  
    color:rgb(194, 104, 147)  
}
```

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(194, 104, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 104, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.4649, 23.4765, 30.4241 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(194, 104, 147) }
```


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

```
.border{ border-color:rgb(194, 104, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 104, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 104, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 104, 147);  
box-shadow:4px 4px 4px 4px rgb(194, 104,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4649, 23.4765, 30.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 104, 147) }
```

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

```
.background{ background-color: rgb(194,  
104, 147) }
```

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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