

Converting Colors

XYZ(30.4744, 21.8204, 32.3114)

Have a look what the booklet for
XYZ(30.4744, 21.8204, 32.3114)
contains.

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Color

**XYZ(30.4744, 21.8204,
32.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6498
RGB	186, 100, 152
RGB Percent	73%, 39%, 60%
CMY	0.2706, 0.6078, 0.4039
CMYK	0.00, 0.46, 0.18, 0.27
HSL	324°, 38%, 56%
HSV	324°, 46%, 73%
XYZ	30.4744, 21.8204, 32.3114
YIQ	131.6420, 34.5640, 34.4040

Conversions

Conversions Part 2

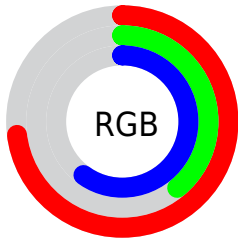
Format	Color
R _Y B	186, 100, 152
Decimal	12215448
CIE Lab	53.84, 41.20, -13.00
CIE LCh	54, 43.201, 342.494
Yxy	21.8204, 0.3602, 0.2579
Android (android.graphics.Color)	4290405528 (0xFFBA6498)
YUV	131.6420, 10.0365, 47.6720
Hunter-Lab	46.7123, 34.7041, -8.3129

Details

The XYZ color **30.4744, 21.8204, 32.3114** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.1185, 39.5491, 28.7604**, and the grayscale version is **21.7603, 22.8935, 24.9310**.

A 20% lighter version of the original color is **59.8400, 46.4718, 64.2086**, and **12.8073, 7.9615, 13.1736** is the 20% darker color. If you saturate the color by 10%, you get **28.3061, 18.4178, 28.7086**, and if you desaturate by 10%, it is **33.0886, 26.0545, 36.2475**.

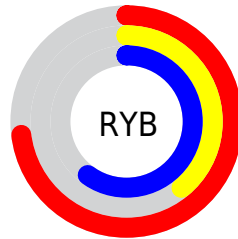
Distribution



Red (73%)

Green (39%)

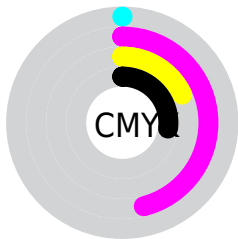
Blue (60%)



Red (73%)

Yellow (39%)

Blue (60%)

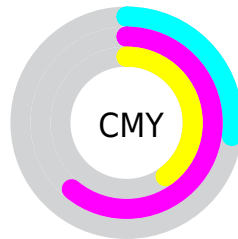


Cyan (0%)

Magenta (46%)

Yellow (18%)

Black (27%)



Cyan (27%)

Magenta (61%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4744, 21.8204, 32.3114 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 30.4744, 21.8204, 32.3114 by changing the saturation by 10% instead.

 30.4744, 21.8204,
32.3114


 30.4744, 21.8204,
32.3114


295.9798,
261.6069, 327.0717


 20.3488, 13.7250,
21.3327


 59.7931, 46.4490,
64.4025


 12.7586, 7.9296,
13.1738


 79.7169, 63.7509,
86.3520

 7.3384, 4.0500,
7.4162

 103.6375, 84.8905,
112.7955

 3.7228, 1.7015,
3.6414

 131.9203,
110.2522, 144.1515

 1.5465, 0.4247,
1.4307

164.9305,
140.2202, 180.8386

 0.3572, 0.0000,
0.1655

203.0336,

 0.0000, 0.0000,

175.1791, 223.2753

0.0000

246.5949,
215.5132, 271.8801

■ 30.4744, 21.8204,
32.3114

■ 30.4744, 21.8204,
32.3114

■ 28.3061, 18.4178,
28.7086

■ 33.0886, 26.0545,
36.2475

■ 26.5530, 15.7872,
25.4250

■ 36.1728, 31.1680,
40.5276

■ 25.1834, 13.8659,
22.4468

■ 39.7517, 37.2091,
45.1632

■ 24.1598, 12.5803,
19.7580

■ 43.8475, 44.2213,
50.1648

■ 23.4338, 11.8344,
17.3388

■ 48.4813, 52.2455,
55.5425

■ 23.2003, 11.6194,
16.4845

■ 53.6727, 61.3201,
61.3056

■ 59.4403, 71.4817,
67.4633

■ 65.8021, 82.7649,
74.0244

■ 68.6891, 87.0309,
79.6353

Harmonies

Analogous

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



27.3754, 21.8204, 48.0438



30.4744, 21.8204, 32.3114



30.7363, 21.8204, 18.6444

Triad

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



30.4744, 21.8204, 32.3114



18.8672, 21.8204, 6.5157



14.8276, 21.8204, 45.5594

Complementary

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



30.4744, 21.8204, 32.3114



27.1185, 39.5491, 28.7604

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.



13.1861, 21.8204, 29.7319



30.4744, 21.8204, 32.3114



15.2735, 21.8204, 9.4508

Square

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



30.4744, 21.8204, 32.3114



23.5433, 21.8204, 6.7631



13.3361, 21.8204, 16.8665



18.1679, 21.8204, 57.4452

Rectangle

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



30.4744, 21.8204, 32.3114



29.2197, 21.8204, 12.4982



13.3361, 21.8204, 16.8665



14.0830, 21.8204, 40.3154

Sweetspot

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



30.4751, 21.8214, 32.3118



73.4621, 69.8451, 83.6221



23.0887, 17.6445, 48.6436



15.8413, 14.8084, 17.9947



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.



30.4751, 21.8214, 32.3118



51.4214, 33.5605, 52.2381



27.6240, 20.6810, 17.2984



9.2265, 9.1010, 10.5400



15.6460, 7.8322, 11.2887



0.5811, 0.2879, 0.5536

Inverse Universe

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



30.4751, 21.8214, 32.3118



51.4214, 33.5605, 52.2381



30.6484, 40.9611, 47.3486



9.2265, 9.1010, 10.5400



15.6460, 7.8322, 11.2887



0.5811, 0.2879, 0.5536

Previews

White Background



This preview shows how the XYZ color 30.4744, 21.8204, 32.3114 looks on a white background.

Color Contrast Check

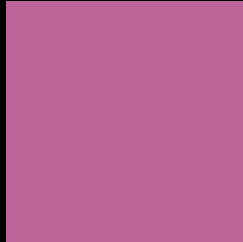
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4744, 21.8204, 32.3114 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 30.4744, 21.8204, 32.3114

Background



This preview shows how black text looks on a background with the XYZ color 30.4744, 21.8204, 32.3114.



This preview shows how white text looks on a background with the XYZ color 30.4744, 21.8204,

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

30.4744, 21.8204, 32.3114

Protanopia

22.4060, 22.1605, 41.6246

Deuteranopia

22.4790, 22.0464, 31.0876



Tritanopia

27.6436, 21.6983, 18.9509

Trichromacy



Original Color

30.4744, 21.8204, 32.3114

Protanomaly

24.3346, 21.3880, 37.9677

Deuteranomaly

24.7350, 21.5679, 31.2931

Tritanomaly

28.3750, 21.5264, 23.0816

Monochromacy



Original Color

30.4744, 21.8204, 32.3114

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.3256, 21.9724, 27.3851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4744, 21.8204, 32.3114 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(186, 100, 152)` looks like.

```
.text, #text, p{  
    color:rgb(186, 100, 152)  
}
```

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(186, 100, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 100, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.4744, 21.8204, 32.3114 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(186, 100, 152) }
```


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

```
.border{ border-color:rgb(186, 100, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 100, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 100, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 100, 152);  
box-shadow:4px 4px 4px 4px rgb(186, 100,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4744, 21.8204, 32.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 100, 152) }
```

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

```
.background{ background-color: rgb(186,  
100, 152) }
```

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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