

Converting Colors

XYZ(29.4374, 20.4628, 32.1039)

Have a look what the booklet for
XYZ(29.4374, 20.4628, 32.1039)
contains.

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Color

**XYZ(29.4374, 20.4628,
32.1039)**

Conversions

Conversions Part 1

Format	Color
Hex	B85E98
RGB	184, 94, 152
RGB Percent	72%, 37%, 60%
CMY	0.2784, 0.6314, 0.4039
CMYK	0.00, 0.49, 0.17, 0.28
HSL	321°, 39%, 55%
HSV	321°, 49%, 72%
XYZ	29.4374, 20.4628, 32.1039
YIQ	127.5220, 35.0220, 37.1180

Conversions

Conversions Part 2

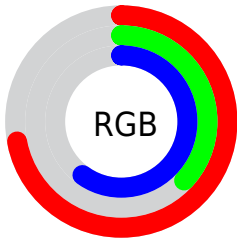
Format	Color
RYB	184, 94, 152
Decimal	12082840
CIELab	52.36, 43.65, -15.26
CIElCh	52, 46.241, 340.731
Yxy	20.4628, 0.3590, 0.2495
Android (android.graphics.Color)	4290272920 (0xFFB85E98)
YUV	127.5220, 12.0677, 49.5312
Hunter-Lab	45.2358, 36.9969, -10.4131

Details

The XYZ color **29.4374, 20.4628, 32.1039** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.5235, 38.1677, 25.7624**, and the grayscale version is **20.3044, 21.3618, 23.2630**.

A 20% lighter version of the original color is **58.1922, 44.2009, 63.8571**, and **12.2302, 7.2626, 13.0691** is the 20% darker color. If you saturate the color by 10%, you get **27.4709, 17.3636, 28.8772**, and if you desaturate by 10%, it is **31.8247, 24.3558, 35.6172**.

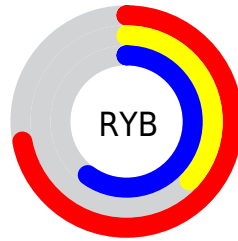
Distribution



Red (72%)

Green (37%)

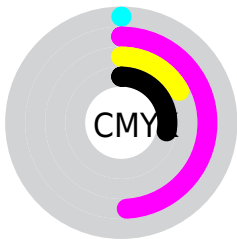
Blue (60%)



Red (72%)

Yellow (37%)

Blue (60%)

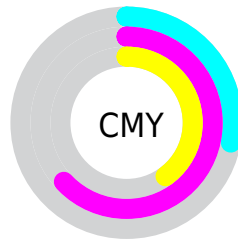


Cyan (0%)

Magenta (49%)

Yellow (17%)

Black (28%)



Cyan (28%)


Magenta (63%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4374, 20.4628, 32.1039 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 29.4374, 20.4628, 32.1039 by changing the saturation by 10% instead.

 29.4374, 20.4628,
32.1039


 29.4374, 20.4628,
32.1039

291.2303,
254.4096, 326.0996


 19.5579, 12.7319,
21.1754


 58.1641, 44.1918,
64.0737


 12.1805, 7.2442,
13.0598


 77.7420, 60.9586,
85.9521

 6.9398, 3.6153,
7.3385


 101.2833, 81.5062,
112.3176

 3.4705, 1.4608,
3.5931

 129.1536,
106.2190, 143.5887

 1.4072, 0.2609,
1.4049

161.7180,
135.4813, 180.1838

 0.2613, 0.0000,
0.1455

199.3421,

 0.0000, 0.0000,

169.6776, 222.5217

0.0000

242.3910,
209.1922, 271.0208

■ 29.4374, 20.4628,
32.1039

■ 29.4374, 20.4628,
32.1039

■ 27.4709, 17.3636,
28.8772

■ 31.8247, 24.3558,
35.6172

■ 25.8946, 14.9986,
25.9238

■ 34.6568, 29.0905,
39.4266

■ 24.6769, 13.3049,
23.2312


■ 37.9580, 34.7147,
43.5428


■ 23.7796, 12.2071,
20.7841


■ 41.7503, 41.2715,
47.9752


■ 23.1362, 11.5728,
18.5577


■ 46.0541, 48.8013,
52.7328

 23.0716, 11.5121,
18.3251

 50.8889, 57.3421,
57.8242

 56.2730, 66.9299,
63.2574

 62.2237, 77.5989,
69.0402

 67.2707, 86.4078,
74.6847

Harmonies

Analogous

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



26.0572, 20.4628, 48.6480



29.4374, 20.4628, 32.1039



29.9050, 20.4628, 17.7453

Triad

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



29.4374, 20.4628, 32.1039



17.7935, 20.4628, 5.1702



13.3027, 20.4628, 44.1479

Complementary

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



29.4374, 20.4628, 32.1039



25.5235, 38.1677, 25.7624

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.



11.7682, 20.4628, 27.5292



29.4374, 20.4628, 32.1039



14.0651, 20.4628, 7.7304

Square

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



29.4374, 20.4628, 32.1039



22.6304, 20.4628, 5.5612



12.0224, 20.4628, 14.6982



16.5812, 20.4628, 57.3381

Rectangle

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



29.4374, 20.4628, 32.1039



28.4302, 20.4628, 11.3864



12.0224, 20.4628, 14.6982



12.5921, 20.4628, 38.5486

Sweetspot

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



29.4380, 20.4638, 32.1043



71.2191, 67.0788, 81.8056



21.1861, 15.8650, 47.2934



15.0532, 13.9435, 17.2796



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.



29.4380, 20.4638, 32.1043



49.4573, 30.9522, 51.7474



26.4510, 19.2690, 16.3747



9.2417, 9.1070, 10.6201



15.9353, 7.9479, 12.8118



0.5901, 0.2915, 0.6007

Inverse Universe

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



29.4380, 20.4638, 32.1043



49.4573, 30.9522, 51.7474



29.0605, 39.5825, 44.3879



9.2417, 9.1070, 10.6201



15.9353, 7.9479, 12.8118



0.5901, 0.2915, 0.6007

Previews

White Background



This preview shows how the XYZ color 29.4374, 20.4628, 32.1039 looks on a white background.

Color Contrast Check

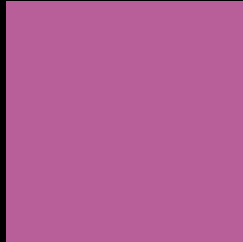
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4374, 20.4628, 32.1039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

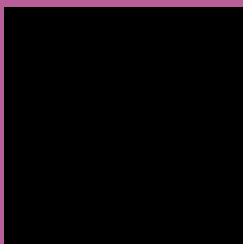
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4374, 20.4628, 32.1039

Background



This preview shows how black text looks on a background with the XYZ color 29.4374, 20.4628, 32.1039.



This preview shows how white text looks on a background with the XYZ color 29.4374, 20.4628,

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

29.4374, 20.4628, 32.1039

Protanopia

21.3060, 20.8119, 42.4293

Deuteranopia

20.9784, 20.5377, 30.4623



Tritanopia

26.4871, 20.5296, 17.3184

Trichromacy



Original Color

29.4374, 20.4628, 32.1039

Protanomaly

23.1779, 19.9301, 38.2226

Deuteranomaly

23.4317, 20.0542, 31.0696

Tritanomaly

27.3149, 20.4188, 21.9036

Monochromacy



Original Color

29.4374, 20.4628, 32.1039

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.9735, 20.5928, 26.4309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4374, 20.4628, 32.1039 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(184, 94, 152)` looks like.

```
.text, #text, p{  
    color:rgb(184, 94, 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(184, 94, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 94, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.4374, 20.4628, 32.1039 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(184, 94, 152) }
```


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

```
.border{ border-color:rgb(184, 94, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 94, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 94, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 94, 152);  
box-shadow:4px 4px 4px 4px rgb(184, 94,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4374, 20.4628, 32.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 94, 152) }
```

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

```
.background{ background-color: rgb(184, 94,  
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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