

Converting Colors

XYZ(29.7458, 23.3975, 27.3745)

Have a look what the booklet for
XYZ(29.7458, 23.3975, 27.3745)
contains.

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Color

**XYZ(29.7458, 23.3975,
27.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	B6708B
RGB	182, 112, 139
RGB Percent	71%, 44%, 55%
CMY	0.2863, 0.5608, 0.4549
CMYK	0.00, 0.38, 0.24, 0.29
HSL	337°, 32%, 58%
HSV	337°, 38%, 71%
XYZ	29.7458, 23.3975, 27.3745
YIQ	136.0080, 33.0530, 23.2370

Conversions

Conversions Part 2

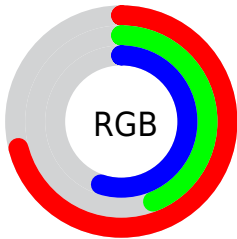
Format	Color
R_{YB}	182, 112, 139
Decimal	11956363
CIE Lab	55.48, 31.37, -2.99
CIE LCh	55, 31.509, 354.558
Yxy	23.3975, 0.3694, 0.2906
Android (android.graphics.Color)	4290146443 (0xFFB6708B)
YUV	136.0080, 1.4751, 40.3350
Hunter-Lab	48.3710, 25.1197, 0.3058

Details

The XYZ color **29.7458, 23.3975, 27.3745** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **29.3275, 39.2679, 37.0460**, and the grayscale version is **23.3913, 24.6095, 26.7997**.

A 20% lighter version of the original color is **58.5662, 49.0668, 56.2532**, and **12.2782, 8.6785, 10.4792** is the 20% darker color. If you saturate the color by 10%, you get **27.1613, 19.4696, 22.6865**, and if you desaturate by 10%, it is **32.8211, 28.1728, 32.6388**.

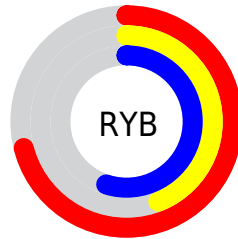
Distribution



Red (71%)

Green (44%)

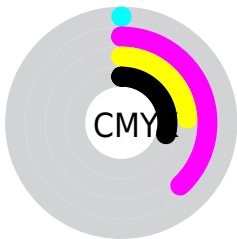
Blue (55%)



Red (71%)

Yellow (44%)

Blue (55%)

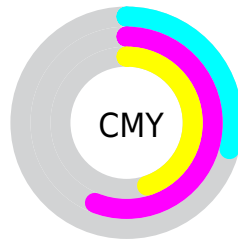


Cyan (0%)

Magenta (38%)

Yellow (24%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7458, 23.3975, 27.3745 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 29.7458, 23.3975, 27.3745 by changing the saturation by 10% instead.

 29.7458, 23.3975,
27.3745


 29.7458, 23.3975,
27.3745

292.6489,
269.7601, 303.2832

 19.7928, 14.8873,
17.6198

 58.6493, 49.0452,
56.4953


 12.3519, 8.7403,
10.5107


 78.3306, 66.9515,
76.6984

 7.0577, 4.5722,
5.6289


 101.9854, 88.7586,
101.2213

 3.5449, 1.9985,
2.5556

 129.9790,
114.8509, 130.4827

 1.4480, 0.6066,
0.8694

162.6768,
145.6128, 164.9011

 0.2901, 0.0000,
0.0000

200.4441,

 0.0000, 0.0000,

181.4287, 204.8949

0.0000

243.6464,
222.6830, 250.8827

■ 29.7458, 23.3975,
27.3745

■ 29.7458, 23.3975,
27.3745

■ 27.1613, 19.4696,
22.6865

■ 32.8211, 28.1728,
32.6388

■ 25.0385, 16.3356,
18.5521

■ 36.4100, 33.8382,
38.4982

■ 23.3482, 13.9409,
14.9489


■ 40.5366, 40.4374,
44.9722


■ 22.0567, 12.2228,
11.8520


■ 45.2224, 48.0106,
52.0789


■ 21.1249, 11.1077,
9.2340


■ 50.4881, 56.5951,
59.8357


 20.4890, 10.4728,
7.0583

 56.3530, 66.2267,
68.2593

 20.4032, 10.3898,
6.7566

 62.8356, 76.9391,
77.3655

 69.1171, 87.0914,
86.8911

 70.7242, 87.7342,
95.3542

Harmonies

Analogous

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



28.2733, 23.3975, 38.5701



29.7458, 23.3975, 27.3745



29.0396, 23.3975, 18.1871

Triad

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



29.7458, 23.3975, 27.3745



19.5218, 23.3975, 11.5156



18.5121, 23.3975, 44.9417

Complementary

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



29.7458, 23.3975, 27.3745



29.3275, 39.2679, 37.0460

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.



16.5922, 23.3975, 34.4906



29.7458, 23.3975, 27.3745



17.1302, 23.3975, 15.7416

Square

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



29.7458, 23.3975, 27.3745



22.8920, 23.3975, 10.5545



16.1144, 23.3975, 23.6672



21.5978, 23.3975, 50.2993

Rectangle

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



29.7458, 23.3975, 27.3745



27.4632, 23.3975, 14.0781



16.1144, 23.3975, 23.6672



17.7226, 23.3975, 41.7925

Sweetspot

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



29.7465, 23.3986, 27.3750



70.5744, 68.6300, 77.0069



27.5651, 21.8370, 47.0184



15.3719, 14.8128, 16.6705



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.



29.7465, 23.3986, 27.3750



49.9707, 36.3920, 42.4876



28.8137, 24.3098, 18.5042



9.1441, 9.0680, 10.1064



14.4388, 7.3493, 4.9315



0.5396, 0.2713, 0.3351

Inverse Universe

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



29.7465, 23.3986, 27.3750



49.9707, 36.3920, 42.4876



30.4564, 37.4828, 49.8859



9.1441, 9.0680, 10.1064



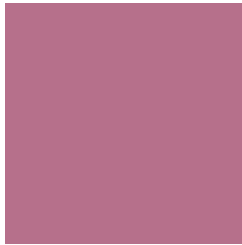
14.4388, 7.3493, 4.9315



0.5396, 0.2713, 0.3351

Previews

White Background



This preview shows how the XYZ color 29.7458, 23.3975, 27.3745 looks on a white background.

Color Contrast Check

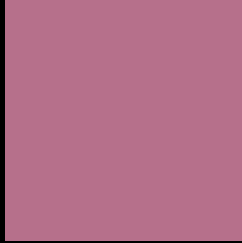
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7458, 23.3975, 27.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

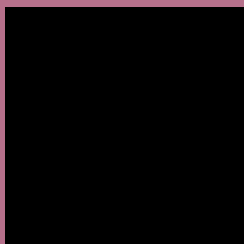
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7458, 23.3975, 27.3745

Background



This preview shows how black text looks on a background with the XYZ color 29.7458, 23.3975, 27.3745.



This preview shows how white text looks on a background with the XYZ color 29.7458, 23.3975,

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

29.7458, 23.3975, 27.3745

Protanopia

23.1247, 23.5154, 33.0259

Deuteranopia

23.9712, 23.4978, 26.5647



Tritanopia

28.5283, 23.3948, 21.7509

Trichromacy



Original Color

29.7458, 23.3975, 27.3745

Protanomaly

24.9945, 23.1634, 30.7574

Deuteranomaly

25.6989, 23.2412, 26.7984

Tritanomaly

29.0358, 23.4434, 23.7635

Monochromacy



Original Color

29.7458, 23.3975, 27.3745

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.2416, 23.7572, 26.9221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7458, 23.3975, 27.3745 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(182, 112, 139)` looks like.

```
.text, #text, p{  
    color:rgb(182, 112, 139)  
}
```

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(182, 112, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 112, 139) }
```

Border

The CSS property to change the border of an element to XYZ 29.7458, 23.3975, 27.3745 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(182, 112, 139) }
```


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

```
.border{ border-color:rgb(182, 112, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 112, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 112, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 112, 139);  
box-shadow:4px 4px 4px 4px rgb(182, 112,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7458, 23.3975, 27.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 112, 139) }
```

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

```
.background{ background-color: rgb(182,  
112, 139) }
```

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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