

Converting Colors

XYZ(30.0622, 23.1730, 35.5713)

Have a look what the booklet for
XYZ(30.0622, 23.1730, 35.5713)
contains.

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Color

**XYZ(30.0739, 23.2192,
35.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	B16F9F
RGB	177, 111, 159
RGB Percent	69%, 44%, 62%
CMY	0.3059, 0.5647, 0.3765
CMYK	0.00, 0.37, 0.10, 0.31
HSL	316°, 30%, 56%
HSV	316°, 37%, 69%
XYZ	30.0739, 23.2192, 35.6976
YIQ	136.2060, 23.9280, 28.9200

Conversions

Conversions Part 2

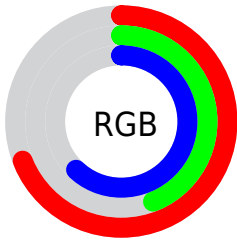
Format	Color
RYB	177, 111, 159
Decimal	11628447
CIELab	55.30, 33.40, -14.98
CIELCh	55, 36.602, 335.839
Yxy	23.2192, 0.3379, 0.2609
Android (android.graphics.Color)	4289818527 (0xFFB16F9F)
YUV	136.2060, 11.2374, 35.7763
Hunter-Lab	48.1863, 27.0789, -10.1931

Details

The XYZ color **30.0739, 23.2192, 35.6976** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.2411, 36.4094, 26.4151**, and the grayscale version is **23.4325, 24.6528, 26.8469**.

A 20% lighter version of the original color is **59.3447, 48.8984, 69.9289**, and **12.5439, 8.6312, 15.1922** is the 20% darker color. If you saturate the color by 10%, you get **27.9199, 19.5683, 32.9531**, and if you desaturate by 10%, it is **32.6283, 27.6441, 38.6569**.

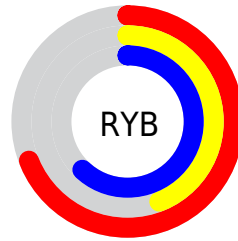
Distribution



Red (69%)

Green (44%)

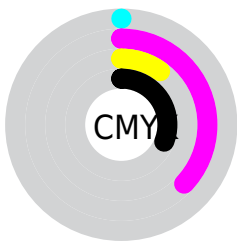
Blue (62%)



Red (69%)

Yellow (44%)

Blue (62%)

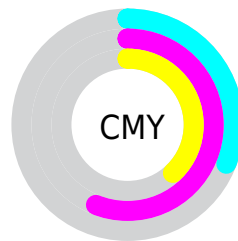


Cyan (0%)

Magenta (37%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (56%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0739, 23.2192, 35.6976 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 30.0739, 23.2192, 35.6976 by changing the saturation by 10% instead.

 30.0739, 23.2192,
35.6976


 30.0739, 23.2192,
35.6976


294.1524,
268.8489, 342.6342


 20.0430, 14.7554,
23.9129


 59.1649, 48.7530,
69.7288

 12.5348, 8.6479,
15.0574


 78.9557, 66.5918,
92.8125

 7.1838, 4.5123,
8.7126


 102.7305, 88.3245,
120.4995

 3.6246, 1.9640,
4.4600

 130.8547,
114.3354, 153.2084

 1.4921, 0.5865,
1.8809

163.6936,
145.0088, 191.3578

 0.3204, 0.0000,
0.4806

201.6127,

 0.0000, 0.0000,

180.7293, 235.3662

0.0000

244.9771,
221.8812, 285.6522

■ 30.0739, 23.2192,
35.6976

■ 30.0739, 23.2192,
35.6976

■ 27.9199, 19.5683,
32.9531

■ 32.6283, 27.6441,
38.6569

■ 26.1413, 16.6427,
30.4132

■ 35.6021, 32.8816,
41.8373

■ 24.7136, 14.3931,
28.0693

■ 39.0155, 38.9714,
45.2468

■ 23.6081, 12.7629,
25.9107

■ 42.8867, 45.9500,
48.8922

■ 22.7918, 11.6859,
23.9255

■ 47.2330, 53.8514,
52.7803

■ 22.2154, 11.0641,
22.0963

■ 52.0707, 62.7079,
56.9172

■ 22.0758, 10.9249,
21.6184

■ 57.4153, 72.5505,
61.3090

■ 63.2817, 83.4083,
65.9614

■ 64.6055, 85.1527,
69.1871

Harmonies

Analogous

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



27.0155, 23.2192, 48.3639



30.0739, 23.2192, 35.6976



30.8798, 23.2192, 23.0534

Triad

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



30.0739, 23.2192, 35.6976



21.2767, 23.2192, 8.8133



16.2740, 23.2192, 40.9434

Complementary

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



30.0739, 23.2192, 35.6976



26.2411, 36.4094, 26.4151

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.



15.1174, 23.2192, 27.6493



30.0739, 23.2192, 35.6976



17.7667, 23.2192, 11.0377

Square

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



30.0739, 23.2192, 35.6976



25.4566, 23.2192, 9.7677



15.6280, 23.2192, 17.1190



18.9964, 23.2192, 51.9912

Rectangle

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



30.0739, 23.2192, 35.6976



29.9542, 23.2192, 16.6612



15.6280, 23.2192, 17.1190



15.7057, 23.2192, 36.4569

Sweetspot

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



30.0746, 23.2203, 35.6981



67.3938, 65.3544, 78.6026



22.6139, 19.1803, 44.1056



14.4302, 13.8508, 16.8600



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.0746, 23.2203, 35.6981



50.5443, 35.9524, 59.7392



27.6085, 22.2338, 22.7119



8.7492, 8.6064, 10.1775



16.0210, 7.9260, 15.8026



0.5270, 0.2586, 0.6181

Inverse Universe

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



30.0746, 23.2203, 35.6981



50.5443, 35.9524, 59.7392



28.7646, 37.4188, 39.7035



8.7492, 8.6064, 10.1775



16.0210, 7.9260, 15.8026



0.5270, 0.2586, 0.6181

Previews

White Background



This preview shows how the XYZ color 30.0739, 23.2192, 35.6976 looks on a white background.

Color Contrast Check

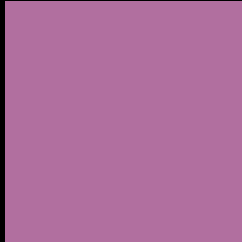
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0739, 23.2192, 35.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

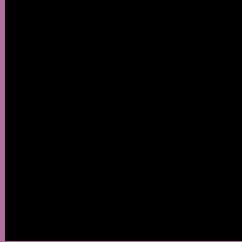
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0739, 23.2192, 35.6976

Background



This preview shows how black text looks on a background with the XYZ color 30.0739, 23.2192, 35.6976.



This preview shows how white text looks on a background with the XYZ color 30.0739, 23.2192,

35.6976.

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

30.0739, 23.2192, 35.6976

Protanopia

23.6852, 23.3873, 42.8010

Deuteranopia

23.9751, 23.5165, 34.7280



Tritanopia

27.3608, 23.1132, 22.7579

Trichromacy



Original Color

30.0739, 23.2192, 35.6976

Protanomaly

25.4309, 22.9932, 40.1436

Deuteranomaly

25.7464, 23.0843, 34.9970

Tritanomaly

28.1737, 23.0951, 27.0176

Monochromacy



Original Color

30.0739, 23.2192, 35.6976

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.3859, 23.7717, 29.6360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0739, 23.2192, 35.6976 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(177, 111, 159)` looks like.

```
.text, #text, p{  
    color:rgb(177, 111, 159)  
}
```

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(177, 111, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 111, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.0739, 23.2192, 35.6976 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(177, 111, 159) }
```


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

```
.border{ border-color:rgb(177, 111, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 111, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 111, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 111, 159);  
box-shadow:4px 4px 4px 4px rgb(177, 111,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0739, 23.2192, 35.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 111, 159) }
```

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

```
.background{ background-color: rgb(177,  
111, 159) }
```

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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