

Converting Colors

XYZ(29.2309, 32.7317, 50.4855)

Have a look what the booklet for
XYZ(29.2309, 32.7317, 50.4855)
contains.

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Color

**XYZ(29.2129, 32.7093,
50.6728)**

Conversions

Conversions Part 1

Format	Color
Hex	79A0B9
RGB	121, 160, 185
RGB Percent	47%, 63%, 73%
CMY	0.5255, 0.3725, 0.2745
CMYK	0.35, 0.14, 0.00, 0.27
HSL	203°, 31%, 60%
HSV	203°, 35%, 73%
XYZ	29.2129, 32.7093, 50.6728
YIQ	151.1890, -31.2690, -0.4930

Conversions

Conversions Part 2

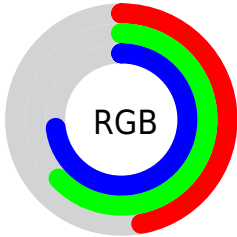
Format	Color
R _Y B	121, 145, 185
Decimal	7971001
CIE Lab	63.92, -7.07, -17.19
CIE LCh	64, 18.587, 247.627
Yxy	32.7093, 0.2595, 0.2905
Android (android.graphics.Color)	4286161081 (0xFF79A0B9)
YUV	151.1890, 16.6688, -26.4758
Hunter-Lab	57.1920, -8.9108, -12.4972

Details

The XYZ color **29.2129, 32.7093, 50.6728** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.7382, 32.2530, 22.5373**, and the grayscale version is **29.4376, 30.9706, 33.7270**.

A 20% lighter version of the original color is **57.8568, 64.0657, 92.5356**, and **12.0877, 13.8684, 23.8696** is the 20% darker color. If you saturate the color by 10%, you get **25.6484, 29.0665, 50.1581**, and if you desaturate by 10%, it is **33.3494, 36.7567, 51.2366**.

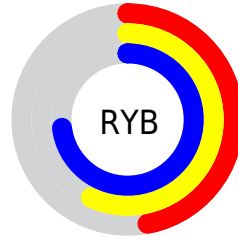
Distribution



Red (47%)

Green (63%)

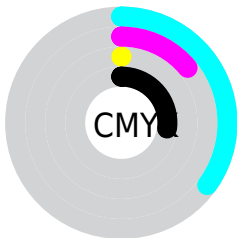
Blue (73%)



Red (47%)

Yellow (57%)

Blue (73%)

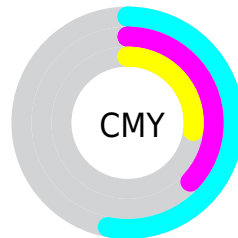


Cyan (35%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2129, 32.7093, 50.6728 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 29.2129, 32.7093, 50.6728 by changing the saturation by 10% instead.

■ 29.2129, 32.7093,
50.6728

■ 29.2129, 32.7093,
50.6728

290.1943,
314.3378, 406.1014

■ 19.3870, 21.9038,
35.5734

■ 57.8104, 63.9214,
92.5775

■ 12.0559, 13.7863,
23.8178

■ 77.3127, 85.0968,
120.2198

■ 6.8542, 7.9722,
14.9876

■ 100.7712,
110.4977, 152.8801

■ 3.4166, 4.0771,
8.6641

128.5513,
140.5085, 190.9771

■ 1.3777, 1.7168,
4.4290

161.0183,
175.5135, 234.9291

■ 0.2403, 0.4345,
1.8635

198.5376,

■ 0.0000, 0.0000,

215.8971, 285.1548

0.4694

241.4744,
262.0437, 342.0727

■ 0.0000, 0.0000,
0.0000

■ 29.2129, 32.7093,
50.6728

■ 29.2129, 32.7093,
50.6728

■ 25.6484, 29.0665,
50.1581

■ 33.3494, 36.7567,
51.2366

■ 22.6232, 25.8072,
49.6884

■ 38.0824, 41.2206,
51.8487

■ 20.1055, 22.9139,
49.2627

■ 43.4384, 46.1174,
52.5116

■ 18.0589, 20.3661,
48.8788

■ 49.4414, 51.4610,
53.2266

■ 16.4414, 18.1399,
48.5343

■ 56.1141, 57.2648,
53.9952

■ 15.2023, 16.2074,
48.2266

■ 63.4781, 63.5416,
54.8186

■ 14.6330, 15.2548,
48.0727

■ 71.5539, 70.3035,
55.6982

■ 75.0200, 74.8088,
56.3851

■ 76.9329, 78.6346,
57.0227

Harmonies

Analogous

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



27.2717, 32.7093, 45.1577



29.2129, 32.7093, 50.6728



31.7619, 32.7093, 51.8935

Triad

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



29.2129, 32.7093, 50.6728



36.3482, 32.7093, 33.7362



28.1171, 32.7093, 25.3769

Complementary

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



29.2129, 32.7093, 50.6728



33.7382, 32.2530, 22.5373

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.



30.4261, 32.7093, 23.1554



29.2129, 32.7093, 50.6728



35.2473, 32.7093, 27.5211

Square

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



29.2129, 32.7093, 50.6728



35.9785, 32.7093, 41.3868



33.0442, 32.7093, 23.8814



26.6642, 32.7093, 30.4062

Rectangle

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



29.2129, 32.7093, 50.6728



33.4815, 32.7093, 49.9698



33.0442, 32.7093, 23.8814



28.8137, 32.7093, 24.3116

Sweetspot

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



29.2139, 32.7106, 50.6736



72.3136, 77.6128, 93.3740



30.3870, 40.8244, 33.2834



15.3054, 16.4712, 20.0942



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.



29.2139, 32.7106, 50.6736



47.0769, 53.2476, 90.0012



24.4231, 23.1290, 49.0766



8.9642, 9.6056, 11.4610



10.0361, 10.5319, 32.7570



0.4121, 0.4879, 1.1742

Inverse Universe

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



33.1910, 26.5280, 36.6301



55.5391, 41.1333, 59.8865



39.2871, 43.3509, 24.3870



9.2283, 9.1017, 10.5495



15.6794, 7.8455, 11.4647



0.5822, 0.2883, 0.5591

Previews

White Background



This preview shows how the XYZ color 29.2129, 32.7093, 50.6728 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.2129, 32.7093, 50.6728 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 ✓ Pass

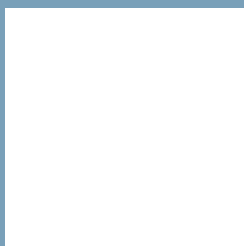
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2129, 32.7093, 50.6728

Background



This preview shows how black text looks on a background with the XYZ color 29.2129, 32.7093, 50.6728.



This preview shows how white text looks on a background with the XYZ color 29.2129, 32.7093,

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

29.2129, 32.7093, 50.6728

Protanopia

32.0239, 32.4673, 47.7590

Deuteranopia

33.1731, 32.4934, 51.5371



Tritanopia

28.2659, 32.8577, 45.4098

Trichromacy



Original Color

29.2129, 32.7093, 50.6728

Protanomaly

30.9794, 32.6433, 48.9240

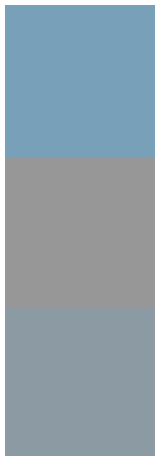
Deuteranomaly

31.4030, 32.3191, 51.0375

Tritanomaly

28.6273, 32.7375, 47.4580

Monochromacy



Original Color

29.2129, 32.7093, 50.6728

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9817, 31.3310, 39.1703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2129, 32.7093, 50.6728 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(121, 160, 185)` looks like.

```
.text, #text, p{  
    color:rgb(121, 160, 185)  
}
```

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(121, 160, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 160, 185) }
```

Border

The CSS property to change the border of an element to XYZ 29.2129, 32.7093, 50.6728 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(121, 160, 185) }
```


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

```
.border{ border-color:rgb(121, 160, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 160, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 160, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 160, 185);  
box-shadow:4px 4px 4px 4px rgb(121, 160,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2129, 32.7093, 50.6728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 160, 185) }
```

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

```
.background{ background-color: rgb(121,  
160, 185) }
```

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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