

Converting Colors

XYZ(29.2342, 32.8569, 52.4329)

Have a look what the booklet for
XYZ(29.2342, 32.8569, 52.4329)
contains.

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Color

**XYZ(29.2932, 32.9721,
52.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	76A1BC
RGB	118, 161, 188
RGB Percent	46%, 63%, 74%
CMY	0.5372, 0.3686, 0.2627
CMYK	0.37, 0.14, 0.00, 0.26
HSL	203°, 34%, 60%
HSV	203°, 37%, 74%
XYZ	29.2932, 32.9721, 52.3973
YIQ	151.2210, -34.2950, -0.7190

Conversions

Conversions Part 2

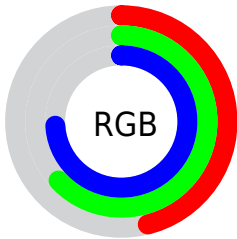
Format	Color
RYB	118, 145, 188
Decimal	7774652
CIELab	64.14, -7.69, -18.56
CIElCh	64, 20.087, 247.503
Yxy	32.9721, 0.2555, 0.2876
Android (android.graphics.Color)	4285964732 (0xFF76A1BC)
YUV	151.2210, 18.1320, -29.1348
Hunter-Lab	57.4213, -9.4265, -13.9075

Details

The XYZ color **29.2932, 32.9721, 52.3973** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.1352, 32.2509, 21.5665**, and the grayscale version is **29.4462, 30.9797, 33.7368**.

A 20% lighter version of the original color is **57.8983, 64.4140, 94.9695**, and **12.1959, 14.0594, 24.9926** is the 20% darker color. If you saturate the color by 10%, you get **25.7597, 29.3243, 51.8800**, and if you desaturate by 10%, it is **33.4111, 37.0318, 52.9644**.

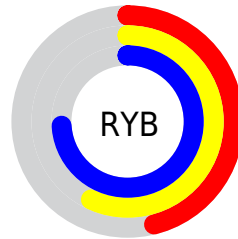
Distribution



Red (46%)

Green (63%)

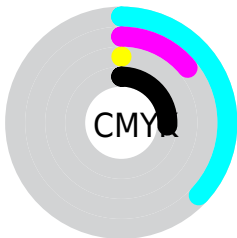
Blue (74%)



Red (46%)

Yellow (57%)

Blue (74%)

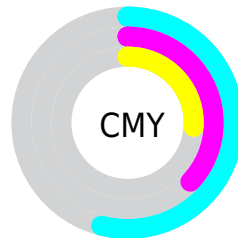


Cyan (37%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (54%)

Magenta (37%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2932, 32.9721, 52.3973 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 29.2932, 32.9721, 52.3973 by changing the saturation by 10% instead.

■ 29.2932, 32.9721,
52.3973

■ 29.2932, 32.9721,
52.3973

290.5652,
315.5240, 412.9690

■ 19.4481, 22.1051,
36.9374

■ 57.9369, 64.3320,
95.1494

■ 12.1005, 13.9341,
24.8636

■ 77.4663, 85.5936,
123.2788

■ 6.8848, 8.0749,
15.7574

■ 100.9545,
111.0889, 156.4684

■ 3.4359, 4.1429,
9.2002

128.7669,
141.2022, 195.1368

■ 1.3882, 1.7538,
4.7734

161.2688,
176.3180, 239.7025

■ 0.2478, 0.4581,
2.0585

198.8255,

■ 0.0000, 0.0000,

216.8206, 290.5841

0.5909

241.8026,
263.0945, 348.2001

■ 0.0000, 0.0000,
0.0000

■ 29.2932, 32.9721,
52.3973

■ 29.2932, 32.9721,
52.3973

■ 25.7597, 29.3243,
51.8800

■ 33.4111, 37.0318,
52.9644

■ 22.7758, 26.0663,
51.4084

■ 38.1394, 41.5163,
53.5808

■ 20.3077, 23.1797,
50.9813

■ 43.5062, 46.4426,
54.2488

■ 18.3162, 20.6422,
50.5965

■ 49.5367, 51.8254,
54.9700

■ 16.7555, 18.4282,
50.2514

■ 56.2548, 57.6787,
55.7457

■ 15.5615, 16.5028,
49.9427

■ 63.6833, 64.0159,
56.5774

■ 15.2638, 16.0041,
49.8621

■ 71.8437, 70.8496,
57.4663

■ 75.6521, 75.5606,
58.1749

■ 77.5854, 79.4273,
58.8193

Harmonies

Analogous

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



27.1987, 32.9721, 46.3021



29.2932, 32.9721, 52.3973



32.0583, 32.9721, 53.7698

Triad

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



29.2932, 32.9721, 52.3973



37.0780, 32.9721, 33.8951



28.1270, 32.9721, 24.8568

Complementary

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



29.2932, 32.9721, 52.3973



34.1352, 32.2509, 21.5665

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.



30.6305, 32.9721, 22.5072



29.2932, 32.9721, 52.3973



35.8795, 32.9721, 27.1873

Square

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



29.2932, 32.9721, 52.3973



36.6664, 32.9721, 42.2318



33.4779, 32.9721, 23.2908



26.5543, 32.9721, 30.2368

Rectangle

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



29.2932, 32.9721, 52.3973



33.9321, 32.9721, 51.6572



33.4779, 32.9721, 23.2908



28.8815, 32.9721, 23.7266

Sweetspot

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



29.2942, 32.9734, 52.3981



74.8669, 80.5476, 97.8275



30.5533, 41.8579, 33.1908



15.8154, 17.0607, 21.0020



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.



29.2942, 32.9734, 52.3981



47.5783, 54.0886, 94.1587



24.0315, 22.4478, 50.6438



9.4911, 10.1746, 12.1359



10.4660, 11.0437, 33.9729



0.4715, 0.5558, 1.3513

Inverse Universe

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



33.6514, 26.2225, 37.0073



56.8978, 40.8832, 60.9628



40.2974, 44.5754, 23.6206



9.7698, 9.6322, 11.1765



16.2835, 8.1446, 12.0526



0.6689, 0.3315, 0.6358

Previews

White Background



This preview shows how the XYZ color 29.2932, 32.9721, 52.3973 looks on a white background.

Color Contrast Check

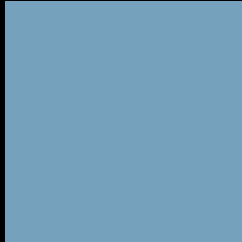
Large Text (above 18pt) WCAG AA × Fail

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 29.2932, 32.9721, 52.3973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

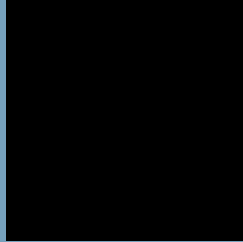
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2932, 32.9721, 52.3973

Background



This preview shows how black text looks on a background with the XYZ color 29.2932, 32.9721, 52.3973.



This preview shows how white text looks on a background with the XYZ color 29.2932, 32.9721,

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

29.2932, 32.9721, 52.3973

Protanopia

32.4973, 32.9197, 49.4411

Deuteranopia

33.4714, 32.8496, 53.2917



Tritanopia

28.0039, 32.9738, 45.9629

Trichromacy



Original Color

29.2932, 32.9721, 52.3973

Protanomaly

31.2952, 33.0200, 50.6230

Deuteranomaly

31.7219, 32.6923, 52.7824

Tritanomaly

28.3610, 32.8490, 48.0257

Monochromacy



Original Color

29.2932, 32.9721, 52.3973

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0696, 31.6120, 39.6915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2932, 32.9721, 52.3973 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(118, 161, 188)` looks like.

```
.text, #text, p{  
    color:rgb(118, 161, 188)  
}
```

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(118, 161, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 161, 188) }
```

Border

The CSS property to change the border of an element to XYZ 29.2932, 32.9721, 52.3973 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(118, 161, 188) }
```


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

```
.border{ border-color:rgb(118, 161, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 161, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 161, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 161, 188);  
box-shadow:4px 4px 4px 4px rgb(118, 161,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2932, 32.9721, 52.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 161, 188) }
```

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

```
.background{ background-color: rgb(118,  
161, 188) }
```

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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