

Converting Colors

XYZ(29.7288, 37.6288, 52.7099)

Have a look what the booklet for
XYZ(29.7288, 37.6288, 52.7099)
contains.

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Color

**XYZ(29.7288, 37.6288,
52.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	62B1BB
RGB	98, 177, 187
RGB Percent	38%, 69%, 73%
CMY	0.6157, 0.3059, 0.2667
CMYK	0.48, 0.05, 0.00, 0.27
HSL	187°, 40%, 56%
HSV	187°, 48%, 73%
XYZ	29.7288, 37.6288, 52.7099
YIQ	154.5190, -50.2940, -13.6380

Conversions

Conversions Part 2

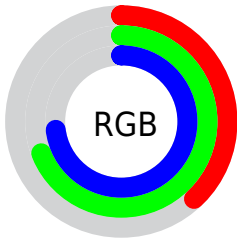
Format	Color
RYB	98, 140, 187
Decimal	6468027
CIELab	67.75, -21.57, -12.65
CIELCh	68, 25.006, 210.387
Yxy	37.6288, 0.2476, 0.3134
Android (android.graphics.Color)	4284658107 (0xFF62B1BB)
YUV	154.5190, 16.0131, -49.5672
Hunter-Lab	61.3423, -20.8412, -8.0068

Details

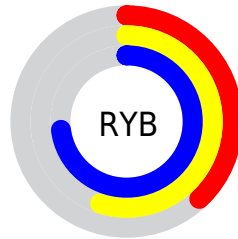
The XYZ color **29.7288, 37.6288, 52.7099** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.0614, 22.1725, 14.3571**, and the grayscale version is **30.8919, 32.5007, 35.3933**.

A 20% lighter version of the original color is **58.6430, 71.6189, 95.5270**, and **12.3474, 16.5679, 25.1014** is the 20% darker color. If you saturate the color by 10%, you get **27.5305, 35.8851, 52.4899**, and if you desaturate by 10%, it is **32.4071, 39.6312, 52.9559**.

Distribution



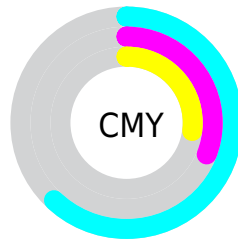
- Red (38%)
- Green (69%)
- Blue (73%)



- Red (38%)
- Yellow (55%)
- Blue (73%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (62%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7288, 37.6288, 52.7099 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 29.7288, 37.6288, 52.7099 by changing the saturation by 10% instead.

■ 29.7288, 37.6288,
52.7099

■ 29.7288, 37.6288,
52.7099

292.5708,
336.0249, 414.2058

■ 19.7799, 25.6947,
37.1851

■ 58.6226, 71.5388,
95.6146

■ 12.3425, 16.5954,
25.0539

■ 78.2982, 94.2836,
123.8315

■ 7.0512, 9.9464,
15.8978

■ 101.9467,
121.4006, 157.1163

■ 3.5408, 5.3635,
9.2983

■ 129.9335,
153.2744, 195.8873

■ 1.4458, 2.4621,
4.8368

162.6240,
190.2894, 240.5633

■ 0.2885, 0.8575,
2.0948

200.3835,

■ 0.0000, 0.0000,

232.8299, 291.5627

0.6127

243.5773,
281.2802, 349.3040

■ 0.0000, 0.0000,
0.0000

■ 29.7288, 37.6288,
52.7099

■ 29.7288, 37.6288,
52.7099

■ 27.5305, 35.8851,
52.4899

■ 32.4071, 39.6312,
52.9559

■ 25.7754, 34.3785,
52.2916

■ 35.5922, 41.9034,
53.2266

■ 24.4271, 33.0909,
52.1141

■ 39.3127, 44.4613,
53.5242

■ 23.4414, 31.9996,
51.9554

■ 43.5943, 47.3181,
53.8500

■ 22.7532, 31.0711,
51.8125

■ 48.4609, 50.4861,
54.2050

■ 22.6047, 30.8577,
51.7791

■ 53.9352, 53.9770,
54.5903

■ 60.0383, 57.8018,
55.0069

■ 66.7908, 61.9712,
55.4557

■ 69.9295, 64.2874,
55.7374

Harmonies

Analogous

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



28.8354, 37.6288, 41.1152



29.7288, 37.6288, 52.7099



32.2165, 37.6288, 62.4042

Triad

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



29.7288, 37.6288, 52.7099



42.6240, 37.6288, 52.4161



35.7149, 37.6288, 23.1585

Complementary

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



29.7288, 37.6288, 52.7099



28.0614, 22.1725, 14.3571

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.



39.5651, 37.6288, 25.1114



29.7288, 37.6288, 52.7099



43.7245, 37.6288, 40.8278

Square

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



29.7288, 37.6288, 52.7099



39.6581, 37.6288, 62.2141



42.5676, 37.6288, 31.1194



32.1355, 37.6288, 25.2153

Rectangle

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



29.7288, 37.6288, 52.7099



34.5381, 37.6288, 65.7472



42.5676, 37.6288, 31.1194



37.0207, 37.6288, 23.3631

Sweetspot

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



29.7299, 37.6302, 52.7108



72.8741, 81.2899, 96.0510



25.4568, 39.1976, 20.1076



15.6950, 17.6640, 21.1248



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.



29.7299, 37.6302, 52.7108



49.1903, 64.1735, 93.9955



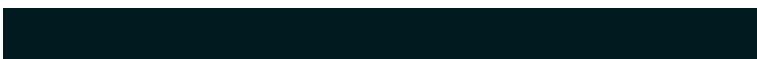
22.4776, 23.1255, 50.2933



9.7146, 10.6215, 12.2103



15.6078, 21.3273, 35.6869



0.6377, 0.8882, 1.4067

Inverse Universe

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



32.7980, 22.4756, 44.2061



55.4999, 34.3875, 76.1954



33.8301, 33.7098, 16.2799



9.8825, 9.6773, 11.7705



18.8789, 9.1827, 25.7194



0.7528, 0.3650, 1.0776

Previews

White Background



This preview shows how the XYZ color 29.7288, 37.6288, 52.7099 looks on a white background.

Color Contrast Check

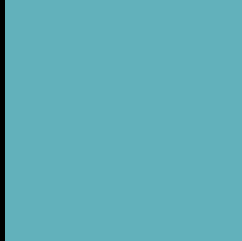
Large Text (above 18pt) WCAG AA × Fail

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 29.7288, 37.6288, 52.7099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

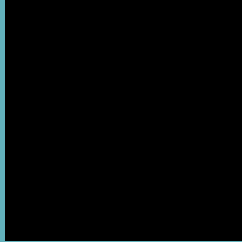
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.7288, 37.6288, 52.7099

Background



This preview shows how black text looks on a background with the XYZ color 29.7288, 37.6288, 52.7099.

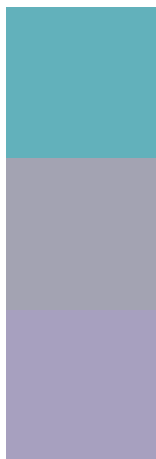


This preview shows how white text looks on a background with the XYZ color 29.7288, 37.6288,

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

29.7288, 37.6288, 52.7099

Protanopia

36.2373, 37.1953, 47.3890

Deuteranopia

37.9111, 37.1187, 54.4567



Tritanopia

30.0749, 37.4649, 54.9366

Trichromacy



Original Color

29.7288, 37.6288, 52.7099

Protanomaly

32.9906, 36.8304, 49.0863

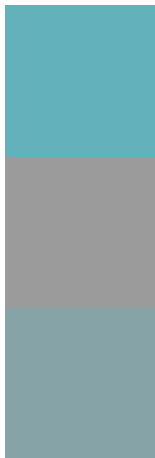
Deuteranomaly

34.0858, 36.7409, 54.0104

Tritanomaly

29.9652, 37.4210, 54.3588

Monochromacy



Original Color

29.7288, 37.6288, 52.7099

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9038, 34.0527, 41.5560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7288, 37.6288, 52.7099 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(98, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(98, 177, 187)  
}
```

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(98, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 177, 187) }
```

Border

The CSS property to change the border of an element to XYZ 29.7288, 37.6288, 52.7099 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(98, 177, 187) }
```


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

```
.border{ border-color:rgb(98, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(98, 177,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7288, 37.6288, 52.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 177, 187) }
```

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

```
.background{ background-color: rgb(98, 177,  
187) }
```

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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