

Converting Colors

XYZ(30.2399, 34.2493, 52.6013)

Have a look what the booklet for
XYZ(30.2399, 34.2493, 52.6013)
contains.

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Color

**XYZ(30.2377, 34.2467,
52.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	79A4BC
RGB	121, 164, 188
RGB Percent	47%, 64%, 74%
CMY	0.5255, 0.3569, 0.2627
CMYK	0.36, 0.13, 0.00, 0.26
HSL	201°, 33%, 61%
HSV	201°, 36%, 74%
XYZ	30.2377, 34.2467, 52.5935
YIQ	153.8790, -33.3320, -1.6520

Conversions

Conversions Part 2

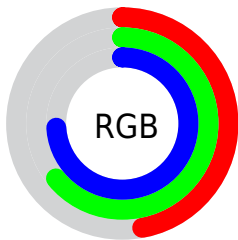
Format	Color
R_{YB}	121, 147, 188
Decimal	7972028
CIE _{Lab}	65.16, -8.49, -17.00
CIE _{LCh}	65, 18.998, 243.458
Yxy	34.2467, 0.2583, 0.2925
Android (android.graphics.Color)	4286162108 (0xFF79A4BC)
YUV	153.8790, 16.8217, -28.8349
Hunter-Lab	58.5207, -10.1800, -12.3204

Details

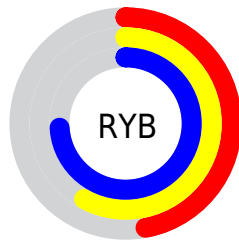
The XYZ color **30.2377, 34.2467, 52.5935** is a light color, and the websafe version is hex **669999**. A complement of this color would be **34.3162, 32.3231, 22.5204**, and the grayscale version is **30.6020, 32.1957, 35.0611**.

A 20% lighter version of the original color is **59.3398, 66.3086, 95.2593**, and **12.6216, 14.6028, 25.0751** is the 20% darker color. If you saturate the color by 10%, you get **26.6823, 30.6726, 52.0916**, and if you desaturate by 10%, it is **34.3725, 38.2158, 53.1423**.

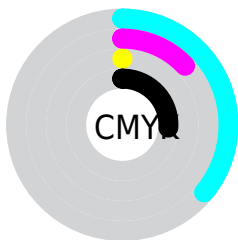
Distribution



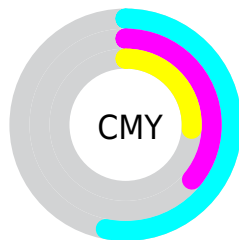
- Red (47%)
- Green (64%)
- Blue (74%)



- Red (47%)
- Yellow (58%)
- Blue (74%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)



- Cyan (53%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2377, 34.2467, 52.5935 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 30.2377, 34.2467, 52.5935 by changing the saturation by 10% instead.

■ 30.2377, 34.2467,
52.5935

■ 30.2377, 34.2467,
52.5935

294.9008,
321.2307, 413.7456

■ 20.1680, 23.0832,
37.0929

■ 59.4219, 66.3171,
95.4414

■ 12.6262, 14.6549,
24.9830

■ 79.2672, 87.9928,
123.6258

■ 7.2469, 8.5776,
15.8455

■ 103.1018,
113.9414, 156.8751

■ 3.6647, 4.4667,
9.2617

131.2909,
144.5472, 195.6080

■ 1.5142, 1.9379,
4.8132

164.2001,
180.1946, 240.2429

■ 0.3355, 0.5710,
2.0812

202.1945,

■ 0.0000, 0.0000,

221.2681, 291.1985

0.6046

245.6397,
268.1520, 348.8932

■ 0.0000, 0.0000,
0.0000

■ 30.2377, 34.2467,
52.5935

■ 30.2377, 34.2467,
52.5935

■ 26.6823, 30.6726,
52.0916

■ 34.3725, 38.2158,
53.1423

■ 23.6720, 27.4721,
51.6325

■ 39.1120, 42.5920,
53.7372

■ 21.1741, 24.6275,
51.2151

■ 44.4838, 47.3916,
54.3805

■ 19.1502, 22.1176,
50.8373

■ 50.5126, 52.6289,
55.0736

■ 17.5563, 19.9180,
50.4968

■ 57.2219, 58.3173,
55.8180

■ 16.3374, 17.9988,
50.1906

■ 64.6341, 64.4695,
56.6148

■ 15.8735, 17.2234,
50.0653

■ 72.7703, 71.0978,
57.4654

■ 75.3562, 74.9688,
58.0762

■ 77.1368, 78.5301,
58.6698

Harmonies

Analogous

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



28.3234, 34.2467, 46.3049



30.2377, 34.2467, 52.5935



32.8714, 34.2467, 54.5969

Triad

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



30.2377, 34.2467, 52.5935



38.1363, 34.2467, 36.3802



29.7133, 34.2467, 25.9986

Complementary

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



30.2377, 34.2467, 52.5935



34.3162, 32.3231, 22.5204

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.



32.2316, 34.2467, 24.0901



30.2377, 34.2467, 52.5935



37.1784, 34.2467, 29.5264

Square

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



30.2377, 34.2467, 52.5935



37.5291, 34.2467, 44.4959



34.9782, 34.2467, 25.2849



28.0329, 34.2467, 30.9053

Rectangle

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



30.2377, 34.2467, 52.5935



34.7075, 34.2467, 53.0292



34.9782, 34.2467, 25.2849



30.4847, 34.2467, 25.0192

Sweetspot

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



30.2388, 34.2480, 52.5943



75.0787, 80.9713, 97.8982



30.9377, 42.0595, 33.0548



15.8662, 17.1621, 21.0190



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.



30.2388, 34.2480, 52.5943



49.5241, 56.7876, 94.5771



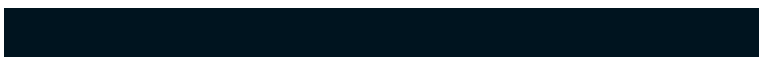
25.0861, 23.9428, 50.8768



9.5133, 10.2189, 12.1432



10.8797, 11.8710, 34.1108



0.4859, 0.5845, 1.3561

Inverse Universe

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



34.2781, 27.0474, 38.5374



58.1711, 42.5070, 64.2315



40.1014, 43.8934, 24.4488



9.7809, 9.6367, 11.2354



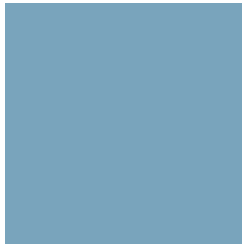
16.4923, 8.2281, 13.1520



0.6762, 0.3344, 0.6740

Previews

White Background



This preview shows how the XYZ color 30.2377, 34.2467, 52.5935 looks on a white background.

Color Contrast Check

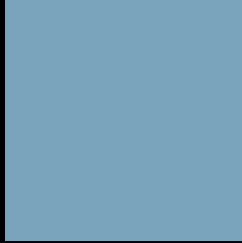
Large Text (above 18pt) WCAG AA × Fail

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 30.2377, 34.2467, 52.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

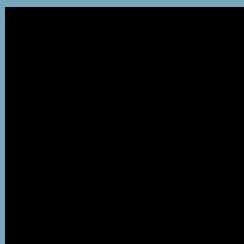
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

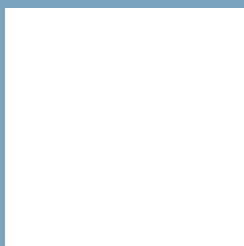
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2377, 34.2467, 52.5935

Background



This preview shows how black text looks on a background with the XYZ color 30.2377, 34.2467, 52.5935.



This preview shows how white text looks on a background with the XYZ color 30.2377, 34.2467,

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

30.2377, 34.2467, 52.5935

Protanopia

33.5726, 33.9681, 49.5868

Deuteranopia

34.7545, 33.9970, 53.4455



Tritanopia

29.3807, 34.4490, 47.7486

Trichromacy



Original Color

30.2377, 34.2467, 52.5935

Protanomaly

32.1396, 33.9618, 50.7603

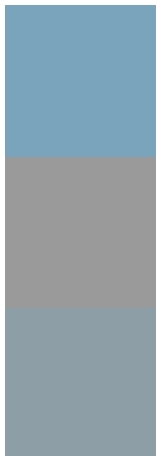
Deuteranomaly

32.9138, 34.0571, 52.9831

Tritanomaly

29.6444, 34.2807, 49.3104

Monochromacy



Original Color

30.2377, 34.2467, 52.5935

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2651, 32.9577, 40.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2377, 34.2467, 52.5935 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, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(121, 164, 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(121, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 164, 188) }
```

Border

The CSS property to change the border of an element to XYZ 30.2377, 34.2467, 52.5935 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, 164, 188) }
```


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

```
.border{ border-color:rgb(121, 164, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 164, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(121, 164,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2377, 34.2467, 52.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 164, 188) }
```

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

```
.background{ background-color: rgb(121,  
164, 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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