

Converting Colors

XYZ(30.3143, 32.7170, 52.8615)

Have a look what the booklet for
XYZ(30.3143, 32.7170, 52.8615)
contains.

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Color

**XYZ(30.3143, 32.7170,
52.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	809EBD
RGB	128, 158, 189
RGB Percent	50%, 62%, 74%
CMY	0.4980, 0.3804, 0.2588
CMYK	0.32, 0.16, 0.00, 0.26
HSL	210°, 32%, 62%
HSV	210°, 32%, 74%
XYZ	30.3143, 32.7170, 52.8614
YIQ	152.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

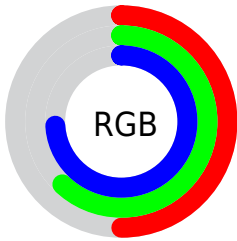
Format	Color
R_{YB}	128, 148, 189
Decimal	8429245
CIE _{Lab}	63.93, -2.91, -19.38
CIE _{LCh}	64, 19.595, 261.449
Yxy	32.7170, 0.2616, 0.2823
Android (android.graphics.Color)	4286619325 (0xFF809EBD)
YUV	152.5640, 17.9629, -21.5426
Hunter-Lab	57.1988, -5.4961, -14.7549

Details

The XYZ color **30.3143, 32.7170, 52.8614** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.2814, 37.1743, 25.6336**, and the grayscale version is **30.0230, 31.5865, 34.3977**.

A 20% lighter version of the original color is **59.5671, 64.1262, 95.6243**, and **12.6821, 13.8295, 25.2935** is the 20% darker color. If you saturate the color by 10%, you get **26.1572, 28.2368, 52.2163**, and if you desaturate by 10%, it is **35.1310, 37.7289, 53.5755**.

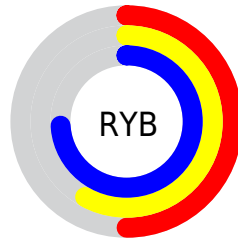
Distribution



Red (50%)

Green (62%)

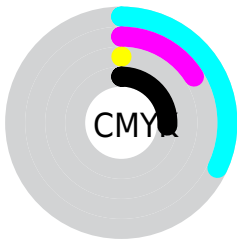
Blue (74%)



Red (50%)

Yellow (58%)

Blue (74%)

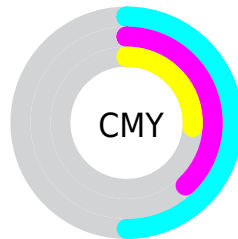


Cyan (32%)

Magenta (16%)

Yellow (0%)

Black (26%)



Cyan (50%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3143, 32.7170, 52.8614 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 30.3143, 32.7170, 52.8614 by changing the saturation by 10% instead.

■ 30.3143, 32.7170,
52.8614

■ 30.3143, 32.7170,
52.8614

295.2503,
314.3726, 414.8043

■ 20.2265, 21.9097,
37.3052

■ 59.5421, 63.9334,
95.8399

■ 12.6690, 13.7906,
25.1462

■ 79.4128, 85.1114,
124.0992

■ 7.2765, 7.9752,
15.9660

■ 103.2753,
110.5151, 157.4300

■ 3.6835, 4.0791,
9.3460

131.4947,
140.5288, 196.2507

■ 1.5247, 1.7179,
4.8677

164.4366,
175.5371, 240.9800

■ 0.3425, 0.4352,
2.1125

202.4663,

■ 0.0000, 0.0000,

215.9242, 292.0363

0.6232

245.9491,
262.0745, 349.8383

■ 0.0000, 0.0000,
0.0000

■ 30.3143, 32.7170,
52.8614

■ 30.3143, 32.7170,
52.8614

■ 26.1572, 28.2368,
52.2163

■ 35.1310, 37.7289,
53.5755

■ 22.6244, 24.2634,
51.6356

■ 40.6343, 43.2882,
54.3585

■ 19.6813, 20.7755,
51.1174

■ 46.8531, 49.4147,
55.2133

■ 17.2889, 17.7480,
50.6592

■ 53.8140, 56.1261,
56.1418

■ 15.4025, 15.1532,
50.2577

■ 61.5419, 63.4389,
57.1460

■ 13.9691, 12.9587,
49.9097

■ 70.0606, 71.3692,
58.2277

■ 13.0957, 11.4947,
49.6732

■ 77.4145, 78.9124,
59.2961

■ 80.0883, 84.2598,
60.1874

■ 82.9104, 89.9041,
61.1281

Harmonies

Analogous

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



27.9058, 32.7170, 48.8772



30.3143, 32.7170, 52.8614



33.0774, 32.7170, 51.7203

Triad

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



30.3143, 32.7170, 52.8614



36.3008, 32.7170, 30.3506



27.1290, 32.7170, 26.9678

Complementary

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



30.3143, 32.7170, 52.8614



37.2814, 37.1743, 25.6336

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.



29.1964, 32.7170, 23.2695



30.3143, 32.7170, 52.8614



34.5217, 32.7170, 25.0121

Square

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



30.3143, 32.7170, 52.8614



36.6439, 32.7170, 37.9306



31.8921, 32.7170, 22.6106



26.1393, 32.7170, 33.4114

Rectangle

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



30.3143, 32.7170, 52.8614



34.7426, 32.7170, 48.2697



31.8921, 32.7170, 22.6106



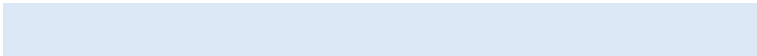
27.7149, 32.7170, 25.4045

Sweetspot

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



30.3153, 32.7183, 52.8622



75.0210, 79.7619, 97.6678



33.3153, 43.4710, 39.2097



15.8105, 16.8320, 20.9582



90.7827, 95.5105, 104.0109



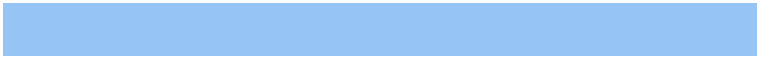
18.6292, 19.5994, 21.3438

Same Dimension

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



30.3153, 32.7183, 52.8622



48.7090, 52.6082, 93.8134



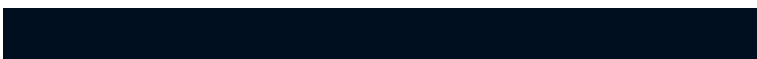
25.8076, 23.7028, 51.3596



9.3935, 9.9793, 12.1033



8.8872, 7.8862, 33.4467



0.4136, 0.4399, 1.3320

Inverse Universe

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



34.8779, 28.7269, 36.0556



58.3819, 44.9738, 57.9970



43.0808, 48.7732, 27.5668



9.7205, 9.6125, 10.9170



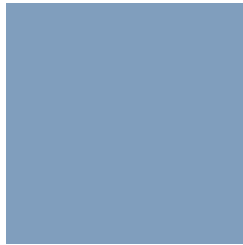
15.4866, 7.8258, 7.8562



0.6397, 0.3198, 0.4818

Previews

White Background



This preview shows how the XYZ color 30.3143, 32.7170, 52.8614 looks on a white background.

Color Contrast Check

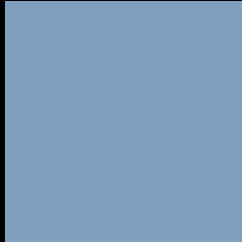
Large Text (above 18pt) WCAG AA × Fail

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 30.3143, 32.7170, 52.8614 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

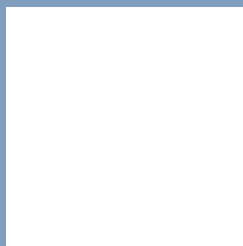
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3143, 32.7170, 52.8614

Background



This preview shows how black text looks on a background with the XYZ color 30.3143, 32.7170, 52.8614.



This preview shows how white text looks on a background with the XYZ color 30.3143, 32.7170,

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

30.3143, 32.7170, 52.8614

Protanopia

32.4669, 32.6235, 51.0402

Deuteranopia

33.1234, 32.4302, 53.2291



Tritanopia

28.6970, 32.8308, 44.8689

Trichromacy



Original Color

30.3143, 32.7170, 52.8614

Protanomaly

31.6755, 32.6933, 51.6547

Deuteranomaly

32.1776, 32.6685, 53.3249

Tritanomaly

29.1649, 32.7563, 47.4333

Monochromacy



Original Color

30.3143, 32.7170, 52.8614

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1059, 32.1252, 40.6904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3143, 32.7170, 52.8614 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(128, 158, 189)` looks like.

```
.text, #text, p{  
    color:rgb(128, 158, 189)  
}
```

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(128, 158, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 158, 189) }
```

Border

The CSS property to change the border of an element to XYZ 30.3143, 32.7170, 52.8614 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(128, 158, 189) }
```


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

```
.border{ border-color:rgb(128, 158, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 158, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 158, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 158, 189);  
box-shadow:4px 4px 4px 4px rgb(128, 158,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3143, 32.7170, 52.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 158, 189) }
```

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

```
.background{ background-color: rgb(128,  
158, 189) }
```

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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