

Converting Colors

XYZ(30.3391, 43.6532, 32.2115)

Have a look what the booklet for
XYZ(30.3391, 43.6532, 32.2115)
contains.

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Color

**XYZ(30.4062, 43.7579,
32.0428)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6DC28D |
| RGB | 109, 194, 141 |
| RGB Percent | 43%, 76%, 55% |
| CMY | 0.5725, 0.2392, 0.4471 |
| CMYK | 0.44, 0.00, 0.27, 0.24 |
| HSL | 143°, 41%, 59% |
| HSV | 143°, 44%, 76% |
| XYZ | 30.4062, 43.7579, 32.0428 |
| YIQ | 162.5430, -33.6470, -34.5030 |

Conversions

Conversions Part 2

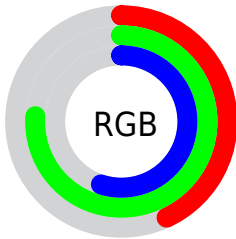
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 109, 171, 194 |
| Decimal | 7193229 |
| CIELab | 72.07, -37.63, 18.81 |
| CIELCh | 72, 42.072, 153.447 |
| Yxy | 43.7579, 0.2863, 0.4120 |
| Android (android.graphics.Color) | 4285383309 (0xFF6DC28D) |
| YUV | 162.5430, -10.6207, -46.9572 |
| Hunter-Lab | 66.1498, -33.7133, 17.5849 |

Details

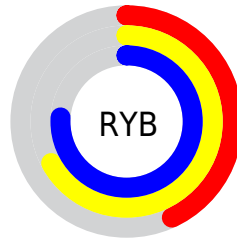
The XYZ color **30.4062, 43.7579, 32.0428** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **34.2399, 25.0163, 37.2082**, and the grayscale version is **34.6581, 36.4631, 39.7083**.

A 20% lighter version of the original color is **59.6573, 80.8270, 64.0867**, and **12.7877, 20.2958, 13.1410** is the 20% darker color. If you saturate the color by 10%, you get **27.4265, 42.3214, 27.4590**, and if you desaturate by 10%, it is **34.0132, 45.5088, 37.1711**.

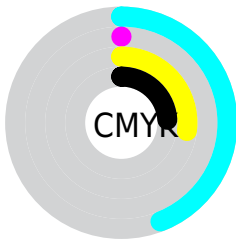
Distribution



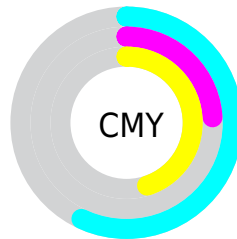
- Red (43%)
- Green (76%)
- Blue (55%)



- Red (43%)
- Yellow (67%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4062, 43.7579, 32.0428 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 30.4062, 43.7579, 32.0428 by changing the saturation by 10% instead.

■ 30.4062, 43.7579,
32.0428

■ 30.4062, 43.7579,
32.0428

295.6692,
361.7194, 325.8129

■ 20.2967, 30.4802,
21.1291

■ 59.6862, 80.8533,
63.9769

■ 12.7204, 20.2034,
13.0262

■ 79.5874, 105.4398,
85.8343

■ 7.3120, 12.5430,
7.3157

■ 103.4833,
134.5648, 112.1768

■ 3.7060, 7.1146,
3.5789

■ 131.7391,
168.6125, 143.4228

■ 1.5372, 3.5339,
1.3973

164.7202,
207.9675, 179.9908

■ 0.3509, 1.4164,
0.1396

202.7921,

■ 0.0000, 0.2288,

253.0140, 222.2995

0.0000

246.3200,
304.1365, 270.7674

■ 0.0000, 0.0000,
0.0000

■ 30.4062, 43.7579,
32.0428

■ 30.4062, 43.7579,
32.0428

■ 27.4265, 42.3214,
27.4590

■ 34.0132, 45.5088,
37.1711

■ 25.0325, 41.1747,
23.3986

■ 38.2790, 47.5865,
42.8583

■ 23.1828, 40.2979,
19.8433


■ 43.2369, 50.0088,
49.1218


■ 21.8286, 39.6663,
16.7724


■ 48.9168, 52.7911,
55.9775


■ 20.9114, 39.2503,
14.1639

■ 55.3471, 55.9475,
63.4405

 20.4964, 39.0667,
12.7697

 62.5545, 59.4916,
71.5255

 70.5642, 63.4360,
80.2467

 75.9325, 66.0052,
89.4553

 77.7681, 66.7394,
99.1219

Harmonies

Analogous

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



34.4247, 43.7579, 21.6500



30.4062, 43.7579, 32.0428



29.2575, 43.7579, 50.0660

Triad

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



30.4062, 43.7579, 32.0428



42.4276, 43.7579, 99.1207



54.2294, 43.7579, 28.9800

Complementary

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



30.4062, 43.7579, 32.0428



34.2399, 25.0163, 37.2082

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.



56.9780, 43.7579, 45.3032



30.4062, 43.7579, 32.0428



49.6877, 43.7579, 88.9203

Square

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



30.4062, 43.7579, 32.0428



35.7099, 43.7579, 92.5789



55.2278, 43.7579, 67.6330



48.0838, 43.7579, 20.2729

Rectangle

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



30.4062, 43.7579, 32.0428



30.1498, 43.7579, 65.2050



55.2278, 43.7579, 67.6330



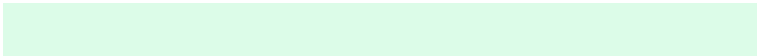
55.6114, 43.7579, 33.5597

Sweetspot

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



30.4074, 43.7597, 32.0438



78.9192, 90.8874, 89.7173



37.1238, 47.4587, 21.6723



16.8114, 19.6730, 19.0645



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.4074, 43.7597, 32.0438



49.6753, 76.6665, 49.7266



34.1125, 45.2417, 51.5546



10.0978, 11.3202, 11.5182



13.5121, 25.6989, 8.5898



0.6174, 1.1238, 0.5478

Inverse Universe

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



34.2399, 25.0163, 37.2082



57.5336, 38.1585, 60.2598



31.1285, 23.7717, 20.8240



10.3313, 10.1811, 11.8352



16.9361, 8.4642, 12.8413



0.7643, 0.3787, 0.7264

Previews

White Background



This preview shows how the XYZ color 30.4062, 43.7579, 32.0428 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 30.4062, 43.7579, 32.0428 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

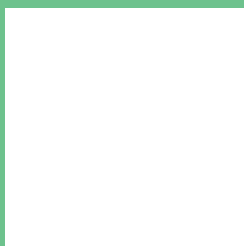
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4062, 43.7579, 32.0428

Background



This preview shows how black text looks on a background with the XYZ color 30.4062, 43.7579, 32.0428.

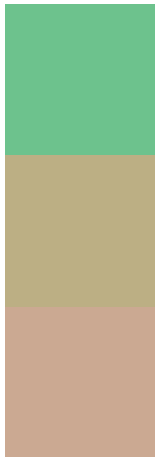


This preview shows how white text looks on a background with the XYZ color 30.4062, 43.7579,

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

30.4062, 43.7579, 32.0428

Protanopia

40.2339, 43.0173, 28.0124

Deuteranopia

44.0049, 43.1478, 33.2032



Tritanopia

36.2699, 43.5458, 61.7519

Trichromacy



Original Color

30.4062, 43.7579, 32.0428



Protanomaly

35.3992, 42.5761, 29.2739



Deuteranomaly

37.3166, 42.2894, 32.5814



Tritanomaly

33.8055, 43.5014, 49.2627

Monochromacy



Original Color

30.4062, 43.7579, 32.0428



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.3801, 38.4783, 36.7308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4062, 43.7579, 32.0428 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(109, 194, 141)` looks like.

```
.text, #text, p{  
    color:rgb(109, 194, 141)  
}
```

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(109, 194, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 194, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.4062, 43.7579, 32.0428 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(109, 194, 141) }
```


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

```
.border{ border-color:rgb(109, 194, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 194, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 194, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 194, 141);  
box-shadow:4px 4px 4px 4px rgb(109, 194,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4062, 43.7579, 32.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 194, 141) }
```

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

```
.background{ background-color: rgb(109,  
194, 141) }
```

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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