

Converting Colors

XYZ(29.7166, 32.5953, 44.4894)

Have a look what the booklet for
XYZ(29.7166, 32.5953, 44.4894)
contains.

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Color

**XYZ(29.6012, 32.5392,
44.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	869EAD
RGB	134, 158, 173
RGB Percent	53%, 62%, 68%
CMY	0.4745, 0.3804, 0.3216
CMYK	0.23, 0.09, 0.00, 0.32
HSL	203°, 19%, 60%
HSV	203°, 23%, 68%
XYZ	29.6012, 32.5392, 44.2557
YIQ	152.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

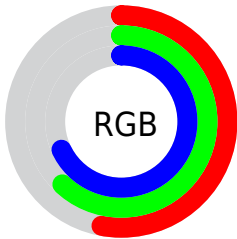
Format	Color
RYB	134, 149, 173
Decimal	8822445
CIELab	63.79, -4.99, -10.59
CIElCh	64, 11.703, 244.773
Yxy	32.5392, 0.2782, 0.3058
Android (android.graphics.Color)	4287012525 (0xFF869EAD)
YUV	152.5340, 10.0897, -16.2543
Hunter-Lab	57.0431, -7.1971, -6.0687

Details

The XYZ color **29.6012, 32.5392, 44.2557** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2844, 32.1004, 27.0494**, and the grayscale version is **30.0403, 31.6047, 34.4175**.

A 20% lighter version of the original color is **58.5369, 63.8813, 82.6439**, and **12.2762, 13.7349, 20.0932** is the 20% darker color. If you saturate the color by 10%, you get **25.9621, 29.0246, 43.7697**, and if you desaturate by 10%, it is **33.7548, 36.4119, 44.7848**.

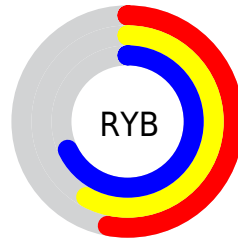
Distribution



Red (53%)

Green (62%)

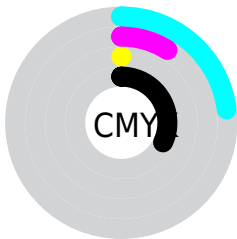
Blue (68%)



Red (53%)

Yellow (58%)

Blue (68%)

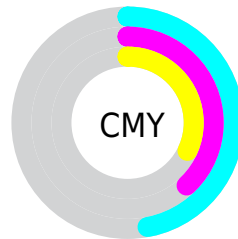


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6012, 32.5392, 44.2557 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 29.6012, 32.5392, 44.2557 by changing the saturation by 10% instead.

■ 29.6012, 32.5392,
44.2557

■ 29.6012, 32.5392,
44.2557

291.9844,
313.5682, 379.8226

■ 19.6827, 21.7737,
30.5329

■ 58.4219, 63.6554,
82.9089

■ 12.2715, 13.6907,
19.9880

■ 78.0548, 84.7749,
108.6765

■ 7.0024, 7.9059,
12.2023

■ 101.6564,
110.1146, 139.2960

■ 3.5099, 4.0348,
6.7574

129.5923,
140.0587, 175.1861

■ 1.4288, 1.6930,
3.2347

162.2276,
174.9917, 216.7652

■ 0.2766, 0.4191,
1.2157

199.9279,

■ 0.0000, 0.0000,

215.2981, 264.4520

0.0000

243.0583,
261.3621, 318.6649

■ 29.6012, 32.5392,
44.2557

■ 29.6012, 32.5392,
44.2557

■ 25.9621, 29.0246,
43.7697

■ 33.7548, 36.4119,
44.7848

■ 22.8117, 25.8509,
43.3231

■ 38.4413, 40.6511,
45.3561

■ 20.1263, 23.0052,
42.9154

■ 43.6818, 45.2699,
45.9714

■ 17.8787, 20.4721,
42.5449

■ 49.4953, 50.2793,
46.6319

■ 16.0390, 18.2345,
42.2100

■ 55.8998, 55.6901,
47.3387

■ 14.5727, 16.2732,
41.9087

■ 62.9127, 61.5124,
48.0929

■ 13.4392, 14.5654,
41.6388

■ 70.5126, 67.7365,
48.8937

■ 12.7456, 13.4226,
41.4547

■ 72.1337, 70.9788,
49.4341

■ 73.8233, 74.3580,
49.9973

Harmonies

Analogous

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



28.4057, 32.5392, 40.8412



29.6012, 32.5392, 44.2557



31.1910, 32.5392, 45.2267

Triad

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



29.6012, 32.5392, 44.2557



34.1820, 32.5392, 34.6826



29.1615, 32.5392, 28.5087

Complementary

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



29.6012, 32.5392, 44.2557



32.2844, 32.1004, 27.0494

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.



30.6656, 32.5392, 27.1606



29.6012, 32.5392, 44.2557



33.5943, 32.5392, 30.5186

Square

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



29.6012, 32.5392, 44.2557



33.8727, 32.5392, 39.4253



32.2929, 32.5392, 27.8628



28.1582, 32.5392, 31.7136

Rectangle

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



29.6012, 32.5392, 44.2557



32.2695, 32.5392, 44.2909



32.2929, 32.5392, 27.8628



29.6233, 32.5392, 27.8369

Sweetspot

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



29.6022, 32.5405, 44.2564



64.8810, 69.2433, 80.7515



30.1965, 37.1244, 33.9877



13.9968, 14.9548, 17.5365



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.6022, 32.5405, 44.2564



49.6899, 55.0960, 78.8214



26.5426, 26.4214, 43.2366



7.9737, 8.5468, 10.1821



9.4200, 9.9738, 30.4732



0.3129, 0.3791, 0.8647

Inverse Universe

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



31.9310, 28.4038, 36.1488



54.6608, 46.6167, 61.4370



35.6231, 38.7778, 28.1623



8.2045, 8.0951, 9.3879



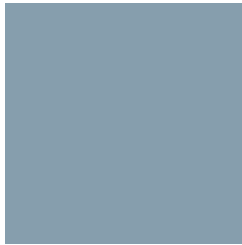
14.6184, 7.3099, 10.9020



0.4323, 0.2136, 0.4383

Previews

White Background



This preview shows how the XYZ color 29.6012, 32.5392, 44.2557 looks on a white background.

Color Contrast Check

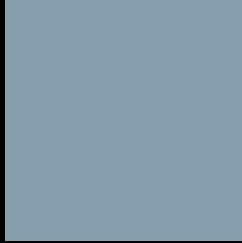
Large Text (above 18pt) WCAG AA × Fail

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 29.6012, 32.5392, 44.2557 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

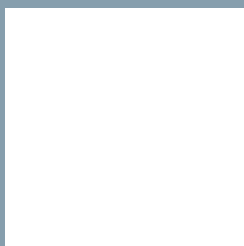
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6012, 32.5392, 44.2557

Background



This preview shows how black text looks on a background with the XYZ color 29.6012, 32.5392, 44.2557.



This preview shows how white text looks on a background with the XYZ color 29.6012, 32.5392,

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

29.6012, 32.5392, 44.2557

Protanopia

31.5958, 32.3601, 42.6111

Deuteranopia

33.1414, 32.3814, 45.0609



Tritanopia

29.4091, 32.4623, 43.2439

Trichromacy



Original Color

29.6012, 32.5392, 44.2557

Protanomaly

30.7491, 32.4027, 43.1618

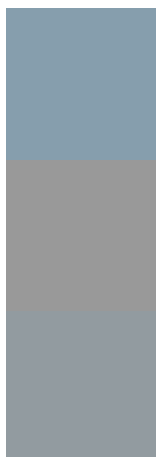
Deuteranomaly

31.7937, 32.4178, 44.6259

Tritanomaly

29.5048, 32.5006, 43.7479

Monochromacy



Original Color

29.6012, 32.5392, 44.2557

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9206, 32.0917, 37.8750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6012, 32.5392, 44.2557 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(134, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(134, 158, 173)  
}
```

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(134, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 158, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.6012, 32.5392, 44.2557 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(134, 158, 173) }
```


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

```
.border{ border-color:rgb(134, 158, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(134, 158,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6012, 32.5392, 44.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 158, 173) }
```

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

```
.background{ background-color: rgb(134,  
158, 173) }
```

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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