

Converting Colors

XYZ(29.4383, 32.5658, 40.3464)

Have a look what the booklet for
XYZ(29.4383, 32.5658, 40.3464)
contains.

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Color

**XYZ(29.4996, 32.5736,
40.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9EA5
RGB	138, 158, 165
RGB Percent	54%, 62%, 65%
CMY	0.4588, 0.3804, 0.3529
CMYK	0.16, 0.04, 0.00, 0.35
HSL	196°, 13%, 59%
HSV	196°, 16%, 65%
XYZ	29.4996, 32.5736, 40.3298
YIQ	152.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

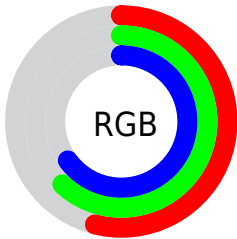
Format	Color
R_{YB}	138, 149, 165
Decimal	9084581
CIE _{Lab}	63.81, -5.50, -6.02
CIE _{LCh}	64, 8.154, 227.605
Yxy	32.5736, 0.2881, 0.3181
Android (android.graphics.Color)	4287274661 (0xFF8A9EA5)
YUV	152.8180, 6.0057, -12.9954
Hunter-Lab	57.0733, -7.6165, -1.9449

Details

The XYZ color **29.4996, 32.5736, 40.3298** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2301, 30.0850, 28.2590**, and the grayscale version is **30.1790, 31.7507, 34.5765**.

A 20% lighter version of the original color is **58.4507, 63.9623, 76.9754**, and **12.2628, 13.7824, 17.6367** is the 20% darker color. If you saturate the color by 10%, you get **26.2578, 29.8391, 39.9734**, and if you desaturate by 10%, it is **33.1834, 35.5754, 40.7156**.

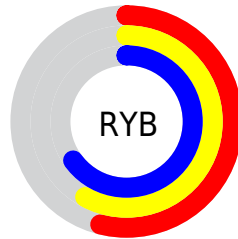
Distribution



Red (54%)

Green (62%)

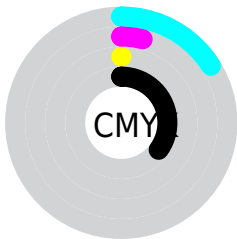
Blue (65%)



Red (54%)

Yellow (58%)

Blue (65%)

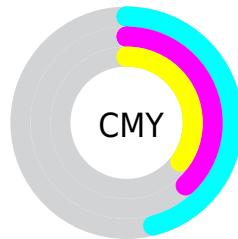


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (46%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4996, 32.5736, 40.3298 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 29.4996, 32.5736, 40.3298 by changing the saturation by 10% instead.

■ 29.4996, 32.5736,
40.3298

■ 29.4996, 32.5736,
40.3298

291.5168,
313.7240, 363.1050

■ 19.6053, 21.8000,
27.4800

■ 58.2620, 63.7092,
76.9080

■ 12.2150, 13.7100,
17.6985

■ 77.8608, 84.8401,
101.4736

■ 6.9635, 7.9193,
10.5665

■ 101.4251,
110.1921, 130.7815

■ 3.4854, 4.0433,
5.6657

129.3202,
140.1497, 165.2503

■ 1.4154, 1.6978,
2.5774

161.9116,
175.0973, 205.2985

■ 0.2671, 0.4223,
0.8808

199.5646,

■ 0.0000, 0.0000,

215.4193, 251.3446

0.0000

242.6446,
261.5000, 303.8073

■ 29.4996, 32.5736,
40.3298

■ 29.4996, 32.5736,
40.3298

■ 26.2578, 29.8391,
39.9734

■ 33.1834, 35.5754,
40.7156

■ 23.4364, 27.3578,
39.6431

■ 37.3241, 38.8499,
41.1294

■ 21.0158, 25.1200,
39.3388

■ 41.9394, 42.4075,
41.5728

■ 18.9740, 23.1141,
39.0592

■ 47.0452, 46.2567,
42.0467

■ 17.2867, 21.3270,
38.8032

■ 52.6565, 50.4057,
42.5518

■ 15.9265, 19.7443,
38.5694

■ 58.7877, 54.8622,
43.0888

■ 14.8618, 18.3492,
38.3562

■ 65.4527, 59.6337,
43.6585

■ 14.0484, 17.1187,
38.1616

■ 66.9284, 61.7702,
43.9931

■ 13.7803, 16.6940,
38.0937

■ 67.8825, 63.6784,
44.3111

Harmonies

Analogous

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



28.9090, 32.5736, 37.4083



29.4996, 32.5736, 40.3298



30.4901, 32.5736, 41.9879

Triad

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



29.4996, 32.5736, 40.3298



33.1604, 32.5736, 36.8376



30.2992, 32.5736, 29.7909

Complementary

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



29.4996, 32.5736, 40.3298



30.2301, 30.0850, 28.2590

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.



31.4351, 32.5736, 29.6590



29.4996, 32.5736, 40.3298



33.1062, 32.5736, 33.5942

Square

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



29.4996, 32.5736, 40.3298



32.6146, 32.5736, 39.8899



32.4683, 32.5736, 31.0119



29.3628, 32.5736, 31.3840

Rectangle

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



29.4996, 32.5736, 40.3298



31.2525, 32.5736, 42.0903



32.4683, 32.5736, 31.0119



30.6698, 32.5736, 29.5779

Sweetspot

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



29.5006, 32.5749, 40.3305



60.3252, 64.4303, 73.0091



29.0285, 34.3507, 31.7881



13.0855, 14.0035, 15.9508



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.5006, 32.5749, 40.3305



50.4151, 56.3214, 71.9663



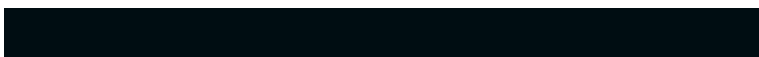
27.3606, 28.2950, 39.6172



7.1200, 7.6991, 9.0139



10.4666, 12.7127, 28.8319



0.2548, 0.3368, 0.6174

Inverse Universe

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



30.7778, 28.6456, 36.2563



53.2120, 47.9047, 63.0025



32.3746, 34.3739, 28.9739



7.2856, 7.1707, 8.4901



14.4286, 7.1275, 14.7132



0.3208, 0.1568, 0.4017

Previews

White Background



This preview shows how the XYZ color 29.4996, 32.5736, 40.3298 looks on a white background.

Color Contrast Check

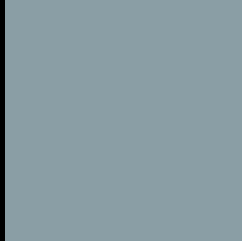
Large Text (above 18pt) WCAG AA × Fail

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 29.4996, 32.5736, 40.3298 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

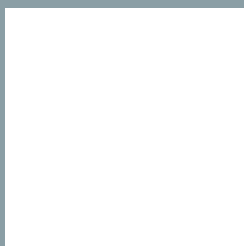
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4996, 32.5736, 40.3298

Background



This preview shows how black text looks on a background with the XYZ color 29.4996, 32.5736, 40.3298.



This preview shows how white text looks on a background with the XYZ color 29.4996, 32.5736,

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

29.4996, 32.5736, 40.3298

Protanopia

31.4304, 32.3597, 38.7719

Deuteranopia

33.1912, 32.4952, 41.0821



Tritanopia

29.9601, 32.5052, 42.7253

Trichromacy



Original Color

29.4996, 32.5736, 40.3298

Protanomaly

30.7266, 32.4766, 39.2995

Deuteranomaly

31.7917, 32.5042, 40.6747

Tritanomaly

29.7723, 32.4301, 41.7362

Monochromacy



Original Color

29.4996, 32.5736, 40.3298

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.0199, 32.1729, 36.5261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4996, 32.5736, 40.3298 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(138, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(138, 158, 165)  
}
```

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(138, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 158, 165) }
```

Border

The CSS property to change the border of an element to XYZ 29.4996, 32.5736, 40.3298 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(138, 158, 165) }
```


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

```
.border{ border-color:rgb(138, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(138, 158,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4996, 32.5736, 40.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 158, 165) }
```

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

```
.background{ background-color: rgb(138,  
158, 165) }
```

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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