

Converting Colors

XYZ(30.3154, 32.8683, 44.3339)

Have a look what the booklet for
XYZ(30.3154, 32.8683, 44.3339)
contains.

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Color

**XYZ(30.2509, 32.8741,
44.2861)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9EAD
RGB	138, 158, 173
RGB Percent	54%, 62%, 68%
CMY	0.4588, 0.3804, 0.3216
CMYK	0.20, 0.09, 0.00, 0.32
HSL	206°, 18%, 61%
HSV	206°, 20%, 68%
XYZ	30.2509, 32.8741, 44.2861
YIQ	153.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

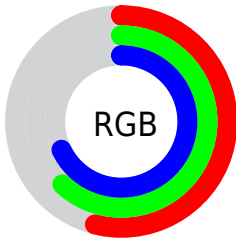
Format	Color
RYB	138, 151, 173
Decimal	9084589
CIELab	64.06, -3.70, -10.15
CIELCh	64, 10.805, 249.961
Yxy	32.8741, 0.2816, 0.3061
Android (android.graphics.Color)	4287274669 (0xFF8A9EAD)
YUV	153.7300, 9.5001, -13.7952
Hunter-Lab	57.3359, -6.1599, -5.6603

Details

The XYZ color **30.2509, 32.8741, 44.2861** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2126, 33.5017, 28.7614**, and the grayscale version is **30.5626, 32.1542, 35.0159**.

A 20% lighter version of the original color is **59.5361, 64.3964, 82.6907**, and **12.6394, 13.9221, 20.1102** is the 20% darker color. If you saturate the color by 10%, you get **26.3871, 29.0620, 43.7545**, and if you desaturate by 10%, it is **34.6489, 37.0765, 44.8660**.

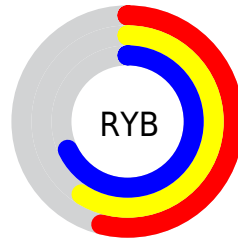
Distribution



Red (54%)

Green (62%)

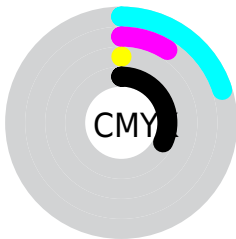
Blue (68%)



Red (54%)

Yellow (59%)

Blue (68%)

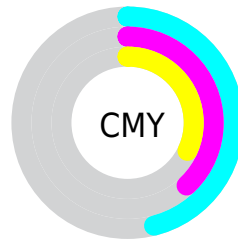


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (46%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2509, 32.8741, 44.2861 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 30.2509, 32.8741, 44.2861 by changing the saturation by 10% instead.

■ 30.2509, 32.8741,
44.2861

■ 30.2509, 32.8741,
44.2861

294.9611,
315.0820, 379.9500

■ 20.1781, 22.0300,
30.5566

■ 59.4426, 64.1789,
82.9551

■ 12.6336, 13.8790,
20.0059

■ 79.2923, 85.4084,
108.7318

■ 7.2520, 8.0365,
12.2152

■ 103.1317,
110.8686, 139.3613

■ 3.6679, 4.1183,
6.7661

131.3261,
140.9437, 175.2622

■ 1.5160, 1.7400,
3.2400

164.2409,
176.0182, 216.8529

■ 0.3367, 0.4493,
1.2185

202.2414,

■ 0.0000, 0.0000,

216.4765, 264.5521

0.0000

245.6930,
262.7030, 318.7783

■ 30.2509, 32.8741,
44.2861

■ 30.2509, 32.8741,
44.2861

■ 26.3871, 29.0620,
43.7545

■ 34.6489, 37.0765,
44.8660

■ 23.0316, 25.6225,
43.2674

■ 39.5996, 41.6781,
45.4932

■ 20.1609, 22.5421,
42.8242

■ 45.1242, 46.6926,
46.1700

■ 17.7480, 19.8049,
42.4230

■ 51.2416, 52.1317,
46.8974

■ 15.7632, 17.3933,
42.0621

■ 57.9702, 58.0066,
47.6767

■ 14.1729, 15.2880,
41.7396

■ 65.3273, 64.3279,
48.5091

■ 12.9377, 13.4661,
41.4530

■ 71.8041, 70.3195,
49.3242

■ 11.9922, 11.9157,
41.2036

■ 73.6759, 74.0631,
49.9482

■ 75.6335, 77.9784,
50.6007

Harmonies

Analogous

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



29.0498, 32.8741, 41.4690



30.2509, 32.8741, 44.2861



31.7563, 32.8741, 44.7280

Triad

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



30.2509, 32.8741, 44.2861



34.2267, 32.8741, 34.3599



29.3984, 32.8741, 29.7304

Complementary

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



30.2509, 32.8741, 44.2861



33.2126, 33.5017, 28.7614

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.



30.7409, 32.8741, 28.1372



30.2509, 32.8741, 44.2861



33.5499, 32.8741, 30.6624

Square

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



30.2509, 32.8741, 44.2861



34.0851, 32.8741, 38.7525



32.2624, 32.8741, 28.4640



28.5688, 32.8741, 32.9906

Rectangle

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



30.2509, 32.8741, 44.2861



32.7347, 32.8741, 43.5817



32.2624, 32.8741, 28.4640



29.8028, 32.8741, 28.9946

Sweetspot

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



30.2519, 32.8754, 44.2868



65.5897, 69.7134, 80.8049



31.1408, 37.5772, 35.5694



14.1359, 15.0401, 17.5457



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.



30.2519, 32.8754, 44.2868



51.1660, 55.9338, 78.9053



27.5373, 27.4463, 43.3820



7.9445, 8.4884, 10.1724



8.8675, 8.8689, 30.2890



0.2996, 0.3525, 0.8602

Inverse Universe

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



32.4944, 29.5306, 36.3366



55.9220, 49.0973, 61.9863



36.2120, 39.5005, 29.7612



8.1898, 8.0892, 9.3102



14.3395, 7.1984, 9.4334



0.4256, 0.2109, 0.4030

Previews

White Background



This preview shows how the XYZ color 30.2509, 32.8741, 44.2861 looks on a white background.

Color Contrast Check

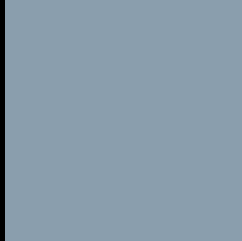
Large Text (above 18pt) WCAG AA × Fail

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 30.2509, 32.8741, 44.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

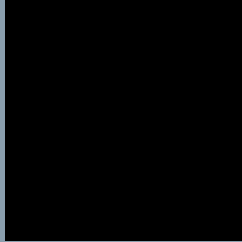
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

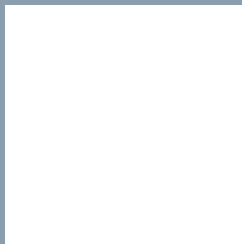
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2509, 32.8741, 44.2861

Background



This preview shows how black text looks on a background with the XYZ color 30.2509, 32.8741, 44.2861.



This preview shows how white text looks on a background with the XYZ color 30.2509, 32.8741,

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

30.2509, 32.8741, 44.2861

Protanopia

31.9482, 32.7858, 42.6747

Deuteranopia

33.4045, 32.7663, 44.6083



Tritanopia

30.0588, 32.7973, 43.2743

Trichromacy



Original Color

30.2509, 32.8741, 44.2861

Protanomaly

31.2848, 32.6789, 43.1868

Deuteranomaly

32.3325, 32.9395, 44.6983

Tritanomaly

30.1545, 32.8356, 43.7783

Monochromacy



Original Color

30.2509, 32.8741, 44.2861

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.3671, 32.3118, 38.3545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2509, 32.8741, 44.2861 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(138, 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(138, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 158, 173) }
```

Border

The CSS property to change the border of an element to XYZ 30.2509, 32.8741, 44.2861 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, 173) }
```


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

```
.border{ border-color:rgb(138, 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(138, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(138, 158,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2509, 32.8741, 44.2861 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, 173) }
```

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

```
.background{ background-color: rgb(138,  
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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