

Converting Colors

XYZ(32.5856, 35.4983, 29.6520)

Have a look what the booklet for
XYZ(32.5856, 35.4983, 29.6520)
contains.

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Color

**XYZ(32.4808, 35.3861,
29.5444)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A28B
RGB	162, 162, 139
RGB Percent	64%, 64%, 55%
CMY	0.3647, 0.3647, 0.4549
CMYK	0.00, 0.00, 0.14, 0.36
HSL	60°, 11%, 59%
HSV	60°, 14%, 64%
XYZ	32.4808, 35.3861, 29.5444
YIQ	159.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

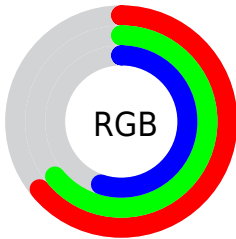
Format	Color
R_{YB}	139, 162, 139
Decimal	10658443
CIE Lab	66.05, -4.09, 11.98
CIE LCh	66, 12.660, 108.833
Yxy	35.3861, 0.3334, 0.3633
Android (android.graphics.Color)	4288848523 (0xFFA2A28B)
YUV	159.3780, -10.0464, 2.2995
Hunter-Lab	59.4862, -6.6359, 12.1934

Details

The XYZ color **32.4808, 35.3861, 29.5444** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.4031, 26.5638, 37.9201**, and the grayscale version is **33.1707, 34.8982, 38.0041**.

A 20% lighter version of the original color is **63.0538, 68.2277, 60.2980**, and **13.8095, 15.1881, 11.6550** is the 20% darker color. If you saturate the color by 10%, you get **31.3836, 34.9484, 23.7652**, and if you desaturate by 10%, it is **33.7553, 35.8971, 36.2490**.

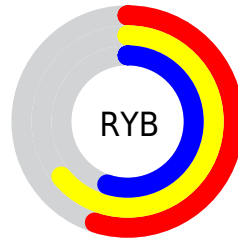
Distribution



Red (64%)

Green (64%)

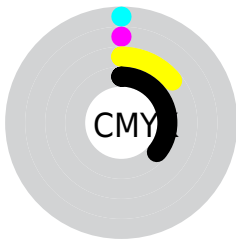
Blue (55%)



Red (55%)

Yellow (64%)

Blue (55%)

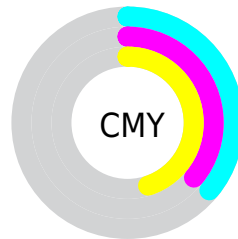


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4808, 35.3861, 29.5444 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 32.4808, 35.3861, 29.5444 by changing the saturation by 10% instead.

■ 32.4808, 35.3861,
29.5444

■ 32.4808, 35.3861,
29.5444

305.0102,
326.2693, 313.9159

■ 21.8863, 23.9604,
19.2439

■ 62.9242, 68.0835,
59.9934

■ 13.8895, 15.3043,
11.6681

■ 83.5038, 90.1240,
80.9790

■ 8.1251, 9.0332,
6.3983

■ 108.1426,
116.4715, 106.3634

■ 4.2276, 4.7629,
3.0161

137.2058,
147.5106, 136.5651

■ 1.8317, 2.1088,
1.1028

171.0588,
183.6255, 172.0026

■ 0.5366, 0.6696,
0.0000

210.0669,

■ 0.0000, 0.0000,

225.2006, 213.0946

0.0000

254.5956,
272.6204, 260.2595

■ 32.4808, 35.3861,
29.5444

■ 32.4808, 35.3861,
29.5444

■ 31.3836, 34.9484,
23.7652

■ 33.7553, 35.8971,
36.2490

■ 30.4533, 34.5762,
18.8688

■ 35.2116, 36.4797,
43.9148

■ 29.6825, 34.2678,
14.8123

■ 36.8573, 37.1381,
52.5784

■ 29.0622, 34.0196,
11.5486

■ 38.6990, 37.8748,
62.2739

■ 28.5826, 33.8277,
9.0258

■ 40.7427, 38.6923,
73.0335

■ 28.2327, 33.6877,
7.1860

■ 42.9945, 39.5931,
84.8884

■ 27.9999, 33.5945,
5.9626

■ 45.4599, 40.5793,
97.8683

■ 27.8688, 33.5420,
5.2753

■ 45.8755, 40.7456,
100.0545

■ 27.8171, 33.5213,
5.0041

■ 45.8761, 40.7459,
100.0546

Harmonies

Analogous

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



34.3378, 35.3861, 29.2455



32.4808, 35.3861, 29.5444



30.9869, 35.3861, 32.1132

Triad

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



32.4808, 35.3861, 29.5444



31.3113, 35.3861, 46.8535



37.3031, 35.3861, 40.5678

Complementary

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



32.4808, 35.3861, 29.5444



26.4031, 26.5638, 37.9201

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.



36.4266, 35.3861, 45.7480



32.4808, 35.3861, 29.5444



32.9387, 35.3861, 49.5956

Square

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



32.4808, 35.3861, 29.5444



30.3292, 35.3861, 41.9663



34.8130, 35.3861, 49.1732



37.1693, 35.3861, 35.2855

Rectangle

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



32.4808, 35.3861, 29.5444



30.3762, 35.3861, 34.9135



34.8130, 35.3861, 49.1732



37.1155, 35.3861, 42.3868

Sweetspot

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



32.4817, 35.3877, 29.5452



61.3077, 65.1776, 65.9642



28.7942, 28.0116, 28.3158



13.7291, 14.6225, 14.6030



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.



32.4817, 35.3877, 29.5452



58.3089, 63.9779, 50.1788



30.2517, 34.2381, 29.4408



7.6493, 8.2372, 7.5669



21.9138, 26.4075, 3.9422



0.4605, 0.5549, 0.0828

Inverse Universe

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



26.4031, 26.5638, 37.9201



45.1313, 44.8493, 68.3342



28.4252, 27.6062, 38.0147



6.7006, 6.8600, 8.8740



5.1382, 2.0553, 27.0557



0.1080, 0.0432, 0.5685

Previews

White Background



This preview shows how the XYZ color 32.4808, 35.3861, 29.5444 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 32.4808, 35.3861, 29.5444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

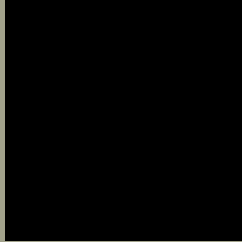
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

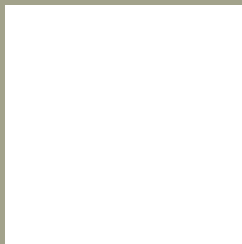
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4808, 35.3861, 29.5444

Background



This preview shows how black text looks on a background with the XYZ color 32.4808, 35.3861, 29.5444.



This preview shows how white text looks on a background with the XYZ color 32.4808, 35.3861,

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

32.4808, 35.3861, 29.5444

Protanopia

33.3067, 35.3014, 29.1032

Deuteranopia

36.0575, 35.4331, 30.1381



Tritanopia

35.2084, 35.4630, 43.0196

Trichromacy



Original Color

32.4808, 35.3861, 29.5444

Protanomaly

33.0582, 35.4317, 29.1414

Deuteranomaly

34.6397, 35.4611, 29.8299

Tritanomaly

34.1732, 35.2988, 37.8131

Monochromacy



Original Color

32.4808, 35.3861, 29.5444

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7355, 34.8822, 34.7134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4808, 35.3861, 29.5444 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(162, 162, 139)` looks like.

```
.text, #text, p{  
    color:rgb(162, 162, 139)  
}
```

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(162, 162, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 162, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.4808, 35.3861, 29.5444 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(162, 162, 139) }
```


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

```
.border{ border-color:rgb(162, 162, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 162, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 162, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 162, 139);  
box-shadow:4px 4px 4px 4px rgb(162, 162,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4808, 35.3861, 29.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 162, 139) }
```

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

```
.background{ background-color: rgb(162,  
162, 139) }
```

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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