

Converting Colors

XYZ(32.6095, 32.2803, 35.5170)

Have a look what the booklet for
XYZ(32.6095, 32.2803, 35.5170)
contains.

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Color

**XYZ(32.5486, 32.2862,
35.5267)**

Conversions

Conversions Part 1

Format	Color
Hex	A6969B
RGB	166, 150, 155
RGB Percent	65%, 59%, 61%
CMY	0.3490, 0.4117, 0.3922
CMYK	0.00, 0.10, 0.07, 0.35
HSL	341°, 8%, 62%
HSV	341°, 10%, 65%
XYZ	32.5486, 32.2862, 35.5267
YIQ	155.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

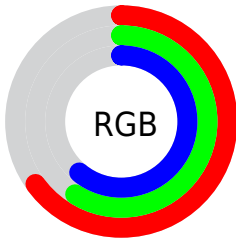
Format	Color
RYB	166, 150, 155
Decimal	10917531
CIELab	63.58, 6.80, -0.48
CIELCh	64, 6.817, 355.938
Yxy	32.2862, 0.3243, 0.3217
Android (android.graphics.Color)	4289107611 (0xFFA6969B)
YUV	155.3540, -0.1745, 9.3365
Hunter-Lab	56.8209, 2.8130, 2.7042

Details

The XYZ color **32.5486, 32.2862, 35.5267** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6481, 36.3305, 39.0117**, and the grayscale version is **31.3116, 32.9422, 35.8740**.

A 20% lighter version of the original color is **62.9203, 63.1613, 69.1967**, and **13.9000, 13.5006, 14.9700** is the 20% darker color. If you saturate the color by 10%, you get **29.1715, 26.9939, 29.8930**, and if you desaturate by 10%, it is **36.3935, 38.3681, 41.7642**.

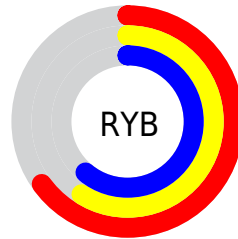
Distribution



Red (65%)

Green (59%)

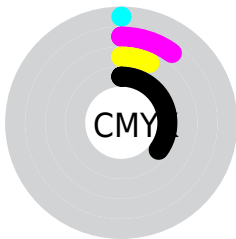
Blue (61%)



Red (65%)

Yellow (59%)

Blue (61%)

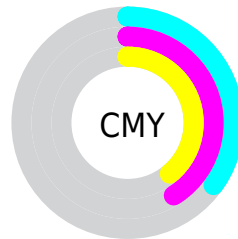


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5486, 32.2862, 35.5267 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 32.5486, 32.2862, 35.5267 by changing the saturation by 10% instead.

■ 32.5486, 32.2862,
35.5267

■ 32.5486, 32.2862,
35.5267

305.3118,
312.4209, 341.8617

■ 21.9384, 21.5802,
23.7821

■ 63.0295, 63.2595,
69.4617

■ 13.9280, 13.5488,
14.9613

■ 83.6310, 84.2956,
92.4892

■ 8.1520, 7.8075,
8.6459

108.2937,
109.5438, 120.1147

■ 4.2450, 3.9720,
4.4173

137.3829,
139.3886, 152.7568

■ 1.8416, 1.6579,
1.8570

171.2639,
174.2143, 190.8340

■ 0.5426, 0.3962,
0.4651

210.3022,

■ 0.0000, 0.0000,

214.4053, 234.7649

0.0000

254.8631,
260.3460, 284.9679

■ 32.5486, 32.2862,
35.5267

■ 32.5486, 32.2862,
35.5267

■ 29.1715, 26.9939,
29.8930

■ 36.3935, 38.3681,
41.7642

■ 26.2411, 22.4546,
24.8427

■ 40.7205, 45.2658,
48.6211

■ 23.7391, 18.6351,
20.3570

■ 45.5469, 53.0097,
56.1148

■ 21.6445, 15.4979,
16.4156

■ 50.8882, 61.6272,
64.2615

■ 19.9346, 13.0023,
12.9966

■ 56.7592, 71.1446,
73.0769

■ 18.5845, 11.1031,
10.0766

■ 63.1741, 81.5868,
82.5759

■ 17.5659, 9.7493,
7.6304

■ 66.4674, 85.6196,
91.5467

■ 16.8461, 8.8809,
5.6299

■ 68.1694, 86.3004,
100.5091

■ 16.3585, 8.3706,
4.0343

■ 69.5361, 86.8471,
107.7060

Harmonies

Analogous

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



32.2279, 32.2862, 38.1716



32.5486, 32.2862, 35.5267



32.3621, 32.2862, 32.9116

Triad

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



32.5486, 32.2862, 35.5267



29.8937, 32.2862, 30.6493



29.6736, 32.2862, 39.6764

Complementary

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



32.5486, 32.2862, 35.5267



32.6481, 36.3305, 39.0117

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.



29.0709, 32.2862, 37.4964



32.5486, 32.2862, 35.5267



29.1961, 32.2862, 32.3001

Square

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



32.5486, 32.2862, 35.5267



30.8169, 32.2862, 30.1820



28.8979, 32.2862, 34.7843



30.5576, 32.2862, 40.6445

Rectangle

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



32.5486, 32.2862, 35.5267



31.9772, 32.2862, 31.5215



28.8979, 32.2862, 34.7843



29.4321, 32.2862, 39.0557

Sweetspot

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



32.5495, 32.2876, 35.5274



63.5676, 65.6965, 71.8022



32.4749, 32.1375, 40.5683



14.1001, 14.5035, 15.8655



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.5495, 32.2876, 35.5274



57.4083, 55.9790, 61.7300



32.6123, 33.0710, 33.5203



7.6240, 7.5795, 8.3374



12.6918, 6.4854, 3.1885



0.3316, 0.1669, 0.1977

Inverse Universe

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



32.5495, 32.2876, 35.5274



57.4083, 55.9790, 61.7300



32.5707, 35.4562, 41.2039



7.6240, 7.5795, 8.3374



12.6918, 6.4854, 3.1885



0.3316, 0.1669, 0.1977

Previews

White Background



This preview shows how the XYZ color 32.5486, 32.2862, 35.5267 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 32.5486, 32.2862, 35.5267 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

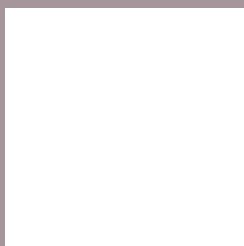
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5486, 32.2862, 35.5267

Background



This preview shows how black text looks on a background with the XYZ color 32.5486, 32.2862, 35.5267.



This preview shows how white text looks on a background with the XYZ color 32.5486, 32.2862,

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

32.5486, 32.2862, 35.5267

Protanopia

31.1873, 32.2847, 36.4861

Deuteranopia

32.8123, 32.1863, 35.4935



Tritanopia

33.1168, 32.2836, 38.2041

Trichromacy



Original Color

32.5486, 32.2862, 35.5267

Protanomaly

31.7262, 32.3304, 36.0207

Deuteranomaly

32.6002, 32.0769, 35.4836

Tritanomaly

32.9418, 32.2136, 37.2825

Monochromacy



Original Color

32.5486, 32.2862, 35.5267

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6057, 32.5200, 35.6215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5486, 32.2862, 35.5267 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(166, 150, 155) looks like.

```
.text, #text, p{  
    color:rgb(166, 150, 155)  
}
```

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(166, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 150, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.5486, 32.2862, 35.5267 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(166, 150, 155) }
```


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

```
.border{ border-color:rgb(166, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(166, 150,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5486, 32.2862, 35.5267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 150, 155) }
```

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

```
.background{ background-color: rgb(166,  
150, 155) }
```

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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