

Converting Colors

XYZ(31.4993, 35.2872, 35.6415)

Have a look what the booklet for
XYZ(31.4993, 35.2872, 35.6415)
contains.

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Color

**XYZ(31.5026, 35.2736,
35.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	95A49A
RGB	149, 164, 154
RGB Percent	58%, 64%, 60%
CMY	0.4157, 0.3568, 0.3961
CMYK	0.09, 0.00, 0.06, 0.36
HSL	140°, 8%, 61%
HSV	140°, 9%, 64%
XYZ	31.5026, 35.2736, 35.7200
YIQ	158.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

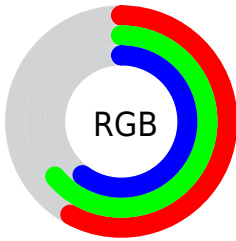
Format	Color
RYB	149, 160, 164
Decimal	9807002
CIELab	65.96, -7.26, 3.38
CIELCh	66, 8.003, 155.056
Yxy	35.2736, 0.3074, 0.3441
Android (android.graphics.Color)	4287997082 (0xFF95A49A)
YUV	158.3750, -2.1569, -8.2219
Hunter-Lab	59.3916, -9.2549, 5.9152

Details

The XYZ color **31.5026, 35.2736, 35.7200** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3165, 31.8914, 37.2549**, and the grayscale version is **32.6819, 34.3839, 37.4440**.

A 20% lighter version of the original color is **61.3453, 67.9136, 69.5499**, and **13.2794, 15.1643, 15.0591** is the 20% darker color. If you saturate the color by 10%, you get **27.8491, 33.4916, 31.0100**, and if you desaturate by 10%, it is **35.6625, 37.3090, 40.8883**.

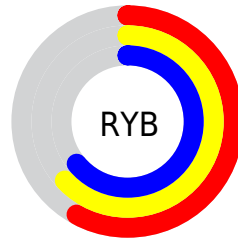
Distribution



Red (58%)

Green (64%)

Blue (60%)



Red (58%)

Yellow (63%)

Blue (64%)

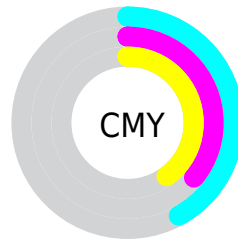


Cyan (9%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5026, 35.2736, 35.7200 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 31.5026, 35.2736, 35.7200 by changing the saturation by 10% instead.

■ 31.5026, 35.2736,
35.7200

■ 31.5026, 35.2736,
35.7200

300.6329,
325.7743, 342.7354

■ 21.1356, 23.8737,
23.9300

■ 61.4010, 67.9094,
69.7638

■ 13.3362, 15.2400,
15.0700

■ 81.6630, 89.9141,
92.8548

■ 7.7390, 8.9880,
8.7214

105.9541,
116.2225, 120.5499

■ 3.9788, 4.7333,
4.4656

134.6396,
147.2191, 153.2676

■ 1.6902, 2.0917,
1.8841

168.0849,
183.2881, 191.4264

■ 0.4501, 0.6599,
0.4826

206.6553,

■ 0.0000, 0.0000,

224.8141, 235.4450

0.0000

250.7162,
272.1814, 285.7418

■ 31.5026, 35.2736,
35.7200

■ 31.5026, 35.2736,
35.7200

■ 27.8491, 33.4916,
31.0100

■ 35.6625, 37.3090,
40.8883

■ 24.6792, 31.9486,
26.7435

■ 40.3443, 39.6027,
46.5245

■ 21.9729, 30.6356,
22.9083

■ 45.5668, 42.1650,
52.6408

■ 19.7077, 29.5411,
19.4907

■ 51.3467, 45.0044,
59.2483

■ 17.8588, 28.6528,
16.4766

■ 57.7002, 48.1290,
66.3579

■ 16.3992, 27.9569,
13.8506

■ 64.6425, 51.5464,
73.9797

■ 15.2983, 27.4381,
11.5967

■ 68.8752, 53.5559,
81.9690

■ 14.5208, 27.0786,
9.6975

■ 70.4644, 54.1916,
90.3378

■ 13.9976, 26.8429,
8.1329

■ 72.1518, 54.8666,
99.2234

Harmonies

Analogous

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



32.2347, 35.2736, 33.3088



31.5026, 35.2736, 35.7200



31.3076, 35.2736, 38.9849

Triad

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



31.5026, 35.2736, 35.7200



33.7277, 35.2736, 45.2809



35.4266, 35.2736, 34.7794

Complementary

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



31.5026, 35.2736, 35.7200



32.3165, 31.8914, 37.2549

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.



35.8478, 35.2736, 37.8348



31.5026, 35.2736, 35.7200



34.8524, 35.2736, 44.0004

Square

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



31.5026, 35.2736, 35.7200



32.5747, 35.2736, 44.6330



35.6353, 35.2736, 41.2254



34.4967, 35.2736, 32.7886

Rectangle

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



31.5026, 35.2736, 35.7200



31.5044, 35.2736, 41.2374



35.6353, 35.2736, 41.2254



35.6333, 35.2736, 35.7091

Sweetspot

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



31.5036, 35.2751, 35.7208



61.6685, 66.2205, 70.4493



33.0493, 36.1191, 33.6639



13.3517, 14.4134, 15.2401



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.



31.5036, 35.2751, 35.7208



55.7419, 63.3238, 63.0084



32.1261, 35.5241, 38.9991



7.0784, 7.9322, 8.0246



10.7217, 20.5750, 6.2509



0.2465, 0.4408, 0.2429

Inverse Universe

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



32.3165, 31.8914, 37.2549



57.5247, 55.9033, 66.3722



31.7054, 31.6470, 34.0365



7.2635, 7.1618, 8.3739



13.8921, 6.9129, 11.8883



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 31.5026, 35.2736, 35.7200 looks on a white background.

Color Contrast Check

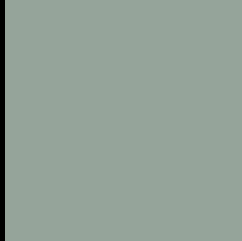
Large Text (above 18pt) WCAG AA × Fail

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 31.5026, 35.2736, 35.7200 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

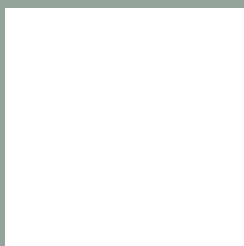
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5026, 35.2736, 35.7200

Background



This preview shows how black text looks on a background with the XYZ color 31.5026, 35.2736, 35.7200.



This preview shows how white text looks on a background with the XYZ color 31.5026, 35.2736,

35.7200.

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

31.5026, 35.2736, 35.7200

Protanopia

33.5011, 35.0300, 34.2739

Deuteranopia

35.8536, 35.1901, 36.3552



Tritanopia

33.3337, 35.2211, 45.0859

Trichromacy



Original Color

31.5026, 35.2736, 35.7200

Protanomaly

32.7104, 35.1277, 34.7621

Deuteranomaly

34.0796, 35.0358, 35.9767

Tritanomaly

32.6579, 35.2100, 41.6342

Monochromacy



Original Color

31.5026, 35.2736, 35.7200

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.1742, 34.5445, 36.8703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5026, 35.2736, 35.7200 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(149, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(149, 164, 154)  
}
```

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(149, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.5026, 35.2736, 35.7200 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(149, 164, 154) }
```


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

```
.border{ border-color:rgb(149, 164, 154) }
```

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

Here you see how a box with a 4 pixel rgb(149, 164, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(149, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5026, 35.2736, 35.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 164, 154) }
```

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

```
.background{ background-color: rgb(149,  
164, 154) }
```

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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