

Converting Colors

XYZ(30.3207, 32.9932, 35.5707)

Have a look what the booklet for
XYZ(30.3207, 32.9932, 35.5707)
contains.

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Color

**XYZ(30.3560, 33.1162,
35.8025)**

Conversions

Conversions Part 1

Format	Color
Hex	949E9B
RGB	148, 158, 155
RGB Percent	58%, 62%, 61%
CMY	0.4196, 0.3804, 0.3922
CMYK	0.06, 0.00, 0.02, 0.38
HSL	162°, 5%, 60%
HSV	162°, 6%, 62%
XYZ	30.3560, 33.1162, 35.8025
YIQ	154.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

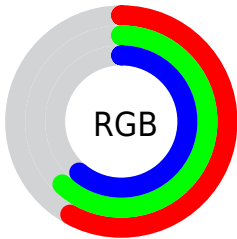
Format	Color
RYB	148, 154, 158
Decimal	9739931
CIELab	64.25, -4.15, 0.33
CIELCh	64, 4.165, 175.491
Yxy	33.1162, 0.3058, 0.3336
Android (android.graphics.Color)	4287930011 (0xFF949E9B)
YUV	154.6680, 0.1637, -5.8478
Hunter-Lab	57.5467, -6.5475, 3.3956

Details

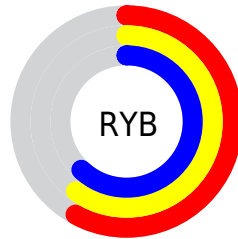
The XYZ color **30.3560, 33.1162, 35.8025** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2776, 30.6841, 33.6065**, and the grayscale version is **31.0107, 32.6257, 35.5294**.

A 20% lighter version of the original color is **59.6600, 64.7485, 69.6749**, and **12.6862, 14.0563, 15.1412** is the 20% darker color. If you saturate the color by 10%, you get **27.3005, 31.5871, 33.6214**, and if you desaturate by 10%, it is **33.8192, 34.8555, 38.0858**.

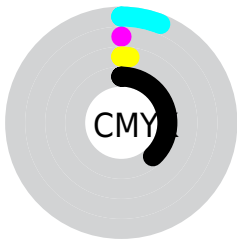
Distribution



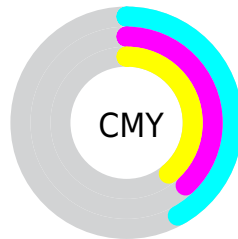
- Red (58%)
- Green (62%)
- Blue (61%)



- Red (58%)
- Yellow (60%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3560, 33.1162, 35.8025 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 30.3560, 33.1162, 35.8025 by changing the saturation by 10% instead.

■ 30.3560, 33.1162,
35.8025

■ 30.3560, 33.1162,
35.8025

295.4405,
316.1730, 343.1077

■ 20.2584, 22.2155,
23.9932

■ 59.6075, 64.5569,
69.8927

■ 12.6923, 14.0153,
15.1164

■ 79.4921, 85.8657,
93.0108

■ 7.2926, 8.1313,
8.7536

103.3697,
111.4126, 120.7354

■ 3.6937, 4.1791,
4.4862

131.6056,
141.5820, 153.4853

■ 1.5303, 1.7742,
1.8957

164.5654,
176.7584, 191.6790

■ 0.3463, 0.4710,
0.4900

202.6142,

■ 0.0000, 0.0000,

217.3261, 235.7349

0.0000

246.1174,
263.6695, 286.0716

■ 30.3560, 33.1162,
35.8025

■ 30.3560, 33.1162,
35.8025

■ 27.3005, 31.5871,
33.6214

■ 33.8192, 34.8555,
38.0858

■ 24.6340, 30.2558,
31.5385

■ 37.7022, 36.8086,
40.4706

■ 22.3404, 29.1150,
29.5529

■ 42.0203, 38.9840,
42.9593

■ 20.4017, 28.1553,
27.6628

■ 46.7869, 41.3888,
45.5534

■ 18.7979, 27.3667,
25.8663

■ 52.0150, 44.0296,
48.2543

■ 17.5073, 26.7377,
24.1613

■ 57.7169, 46.9128,
51.0635

■ 16.5053, 26.2559,
22.5457

■ 62.5664, 49.3545,
53.9197

■ 15.7639, 25.9068,
21.0171

■ 63.0870, 49.5628,
56.6611

■ 15.2423, 25.6693,
19.5727

■ 63.6245, 49.7778,
59.4919

Harmonies

Analogous

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



30.5483, 33.1162, 34.2443



30.3560, 33.1162, 35.8025



30.4607, 33.1162, 37.4776

Triad

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



30.3560, 33.1162, 35.8025



31.9678, 33.1162, 39.0779



32.1245, 33.1162, 33.4406

Complementary

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



30.3560, 33.1162, 35.8025



30.2776, 30.6841, 33.6065

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.



32.5135, 33.1162, 34.6746



30.3560, 33.1162, 35.8025



32.4222, 33.1162, 37.9344

Square

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



30.3560, 33.1162, 35.8025



31.3866, 33.1162, 39.4026



32.6231, 33.1162, 36.3145



31.5654, 33.1162, 32.9081

Rectangle

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



30.3560, 33.1162, 35.8025



30.6856, 33.1162, 38.4304



32.6231, 33.1162, 36.3145



32.2798, 33.1162, 33.7852

Sweetspot

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



30.3569, 33.1176, 35.8032



57.7315, 61.4458, 66.7714



30.3667, 33.1886, 32.8230



13.0323, 13.8613, 15.0647



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.3569, 33.1176, 35.8032



54.0578, 59.6033, 64.2783



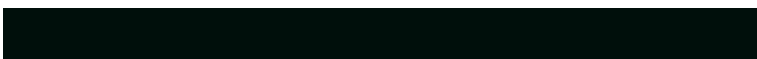
30.3018, 32.5988, 37.0446



6.7370, 7.4755, 8.0494



12.0896, 20.5038, 15.3605



0.2338, 0.3737, 0.3676

Inverse Universe

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



30.2776, 30.6841, 33.6065



53.8744, 53.9784, 59.2009



30.3267, 31.1677, 32.4350



6.7109, 6.6773, 7.3289



11.7267, 5.9952, 2.8117



0.2271, 0.1142, 0.1420

Previews

White Background



This preview shows how the XYZ color 30.3560, 33.1162, 35.8025 looks on a white background.

Color Contrast Check

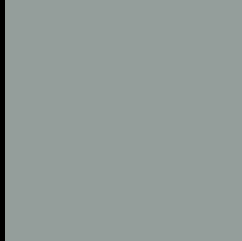
Large Text (above 18pt) WCAG AA × Fail

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 30.3560, 33.1162, 35.8025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

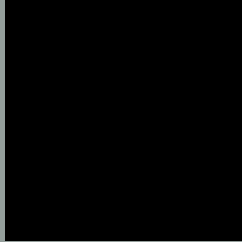
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

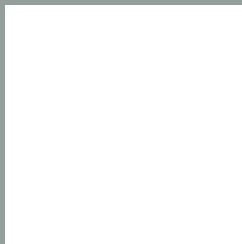
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3560, 33.1162, 35.8025

Background



This preview shows how black text looks on a background with the XYZ color 30.3560, 33.1162, 35.8025.



This preview shows how white text looks on a background with the XYZ color 30.3560, 33.1162,

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

30.3560, 33.1162, 35.8025

Protanopia

31.7692, 33.1135, 34.8541

Deuteranopia

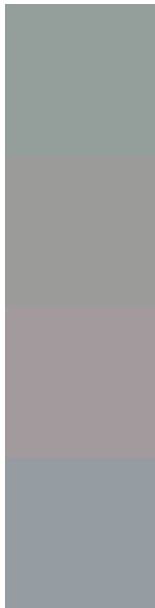
33.6449, 33.0796, 36.0642



Tritanopia

31.5340, 33.0881, 41.7704

Trichromacy



Original Color

30.3560, 33.1162, 35.8025

Protanomaly

31.2388, 33.0786, 35.3102

Deuteranomaly

32.4566, 33.1929, 36.1487

Tritanomaly

31.0623, 33.1478, 39.4113

Monochromacy



Original Color

30.3560, 33.1162, 35.8025

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7538, 32.8189, 35.7241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3560, 33.1162, 35.8025 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(148, 158, 155) looks like.

```
.text, #text, p{  
    color:rgb(148, 158, 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(148, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 158, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.3560, 33.1162, 35.8025 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(148, 158, 155) }
```


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

```
.border{ border-color:rgb(148, 158, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 158, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(148, 158,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3560, 33.1162, 35.8025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 158, 155) }
```

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

```
.background{ background-color: rgb(148,  
158, 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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