

Converting Colors

XYZ(25.6189, 25.7641, 36.5635)

Have a look what the booklet for
XYZ(25.6189, 25.7641, 36.5635)
contains.

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Color

**XYZ(25.5202, 25.7129,
36.4189)**

Conversions

Conversions Part 1

Format	Color
Hex	89899F
RGB	137, 137, 159
RGB Percent	54%, 54%, 62%
CMY	0.4627, 0.4627, 0.3765
CMYK	0.14, 0.14, 0.00, 0.38
HSL	240°, 10%, 58%
HSV	240°, 14%, 62%
XYZ	25.5202, 25.7129, 36.4189
YIQ	139.5080, -7.0620, 6.8420

Conversions

Conversions Part 2

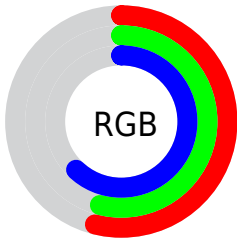
Format	Color
R_{YB}	137, 137, 159
Decimal	9013663
CIE _{Lab}	57.76, 4.62, -11.65
CIE _{LCh}	58, 12.535, 291.627
Yxy	25.7129, 0.2912, 0.2934
Android (android.graphics.Color)	4287203743 (0xFF89899F)
YUV	139.5080, 9.6096, -2.1995
Hunter-Lab	50.7079, 1.0964, -7.0871

Details

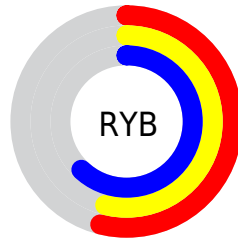
The XYZ color **25.5202, 25.7129, 36.4189** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.2117, 33.9732, 28.5799**, and the grayscale version is **24.7032, 25.9897, 28.3028**.

A 20% lighter version of the original color is **52.0369, 52.7583, 71.0591**, and **10.0454, 9.9253, 15.5737** is the 20% darker color. If you saturate the color by 10%, you get **21.0075, 20.2757, 35.6077**, and if you desaturate by 10%, it is **30.7516, 32.0164, 37.3603**.

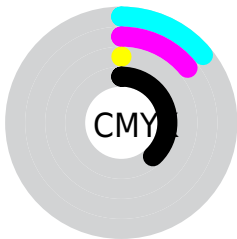
Distribution



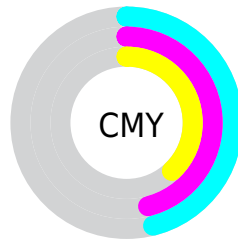
- Red (54%)
- Green (54%)
- Blue (62%)



- Red (54%)
- Yellow (54%)
- Blue (62%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5202, 25.7129, 36.4189 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 25.5202, 25.7129, 36.4189 by changing the saturation by 10% instead.

■ 25.5202, 25.7129,
36.4189

■ 25.5202, 25.7129,
36.4189

272.7189,
281.3699, 345.8804

■ 16.5958, 16.6090,
24.4656

■ 51.9367, 52.8114,
70.8544

■ 10.0403, 9.9561,
15.4640

■ 70.1596, 71.5748,
94.1738

■ 5.4881, 5.3699,
8.9955

■ 92.2127, 94.3268,
122.1190

■ 2.5741, 2.4659,
4.6414

118.4614,
121.4518, 155.1084

■ 0.9328, 0.8595,
1.9834

149.2710,
153.3342, 193.5608

■ 0.0000, 0.0000,
0.5451

185.0068,

■ 0.0000, 0.0000,

190.3585, 237.8945

0.0000

226.0343,
232.9089, 288.5282

■ 25.5202, 25.7129,
36.4189

■ 25.5202, 25.7129,
36.4189

■ 21.0075, 20.2757,
35.6077

■ 30.7516, 32.0164,
37.3603

■ 17.1800, 15.6638,
34.9192

■ 36.7287, 39.2182,
38.4353

■ 14.0048, 11.8379,
34.3481

■ 43.4800, 47.3529,
39.6497

■ 11.4457, 8.7543,
33.8878

■ 51.0318, 56.4520,
41.0079

■ 9.4626, 6.3647,
33.5311

■ 59.4090, 66.5457,
42.5147

■ 8.0109, 4.6155,
33.2699

■ 68.6357, 77.6629,
44.1742

■ 7.0395, 3.4450,
33.0952

■ 78.7349, 89.8313,
45.9907

■ 6.4873, 2.7795,
32.9959

■ 83.2581, 95.2832,
46.8046

■ 6.2582, 2.5035,
32.9547

Harmonies

Analogous

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



24.0208, 25.7129, 37.0113



25.5202, 25.7129, 36.4189



26.7762, 25.7129, 33.4567

Triad

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



25.5202, 25.7129, 36.4189



26.2780, 25.7129, 21.9957



21.6898, 25.7129, 26.8087

Complementary

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



25.5202, 25.7129, 36.4189



31.2117, 33.9732, 28.5799

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.



22.2426, 25.7129, 23.1661



25.5202, 25.7129, 36.4189



24.8627, 25.7129, 20.5798

Square

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



25.5202, 25.7129, 36.4189



27.2260, 25.7129, 25.0555



23.3894, 25.7129, 20.9852



21.8496, 25.7129, 31.1601

Rectangle

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



25.5202, 25.7129, 36.4189



27.2864, 25.7129, 30.6882



23.3894, 25.7129, 20.9852



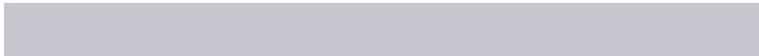
21.7976, 25.7129, 25.4679

Sweetspot

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



25.5210, 25.7140, 36.4195



54.8324, 57.0482, 66.8649



28.9414, 32.6056, 37.4028



12.2001, 12.6665, 15.0455



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.



25.5210, 25.7140, 36.4195



42.7434, 42.4821, 64.6905



27.3507, 26.6569, 36.5050



6.2848, 6.4353, 8.3176



4.9429, 1.9774, 26.0284



0.0884, 0.0354, 0.4654

Inverse Universe

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



27.7597, 27.0690, 27.4299



47.6447, 45.4487, 45.0093



29.1931, 32.9330, 28.4855



6.6331, 6.6462, 6.9190



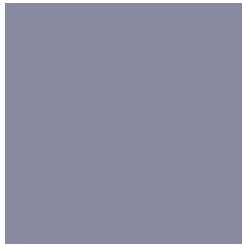
11.2932, 5.8218, 0.5288



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 25.5202, 25.7129, 36.4189 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5202, 25.7129, 36.4189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

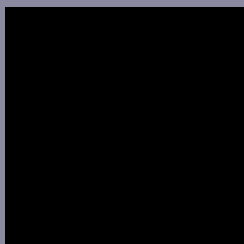
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5202, 25.7129, 36.4189

Background



This preview shows how black text looks on a background with the XYZ color 25.5202, 25.7129, 36.4189.



This preview shows how white text looks on a background with the XYZ color 25.5202, 25.7129,

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

25.5202, 25.7129, 36.4189

Protanopia

25.3382, 25.8311, 36.4513

Deuteranopia

26.0773, 25.5819, 36.3643



Tritanopia

24.7293, 25.8181, 32.5342

Trichromacy



Original Color

25.5202, 25.7129, 36.4189

Protanomaly

25.4998, 25.9144, 36.4589

Deuteranomaly

25.8774, 25.6870, 36.3951

Tritanomaly

24.9916, 25.7111, 33.7825

Monochromacy



Original Color

25.5202, 25.7129, 36.4189

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1465, 26.0608, 31.3086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5202, 25.7129, 36.4189 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(137, 137, 159)` looks like.

```
.text, #text, p{  
    color:rgb(137, 137, 159)  
}
```

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(137, 137, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 137, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.5202, 25.7129, 36.4189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

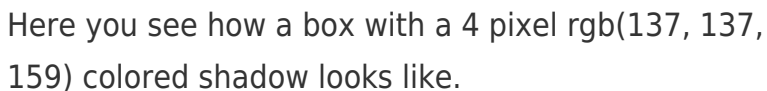
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 137, 159) }
```


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

```
.border{ border-color:rgb(137, 137, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 137, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 137, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 137, 159); box-shadow:4px 4px 4px 4px rgb(137, 137, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5202, 25.7129, 36.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 137, 159) }
```

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

```
.background{ background-color: rgb(137,  
137, 159) }
```

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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