

Converting Colors

XYZ(25.4389, 26.5235, 36.2775)

Have a look what the booklet for
XYZ(25.4389, 26.5235, 36.2775)
contains.

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Color

**XYZ(25.3693, 26.5049,
36.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	858D9E
RGB	133, 141, 158
RGB Percent	52%, 55%, 62%
CMY	0.4784, 0.4470, 0.3804
CMYK	0.16, 0.11, 0.00, 0.38
HSL	221°, 11%, 57%
HSV	221°, 16%, 62%
XYZ	25.3693, 26.5049, 36.1266
YIQ	140.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

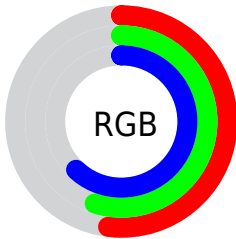
Format	Color
R_{YB}	133, 139, 158
Decimal	8752542
CIE Lab	58.51, 0.75, -9.99
CIE LCh	59, 10.015, 274.302
Yxy	26.5049, 0.2883, 0.3012
Android (android.graphics.Color)	4286942622 (0xFF858D9E)
YUV	140.5460, 8.6048, -6.6178
Hunter-Lab	51.4829, -2.1354, -5.5670

Details

The XYZ color **25.3693, 26.5049, 36.1266** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.2408, 30.7752, 26.5900**, and the grayscale version is **25.1108, 26.4185, 28.7698**.

A 20% lighter version of the original color is **51.7750, 54.2734, 70.6978**, and **9.9622, 10.3827, 15.3889** is the 20% darker color. If you saturate the color by 10%, you get **21.5521, 22.2991, 35.5164**, and if you desaturate by 10%, it is **29.7170, 31.2137, 36.8068**.

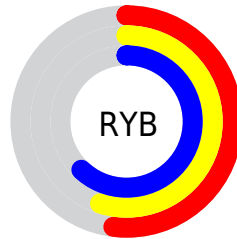
Distribution



Red (52%)

Green (55%)

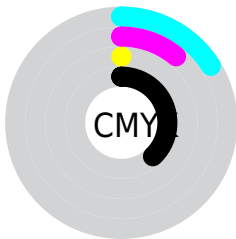
Blue (62%)



Red (52%)

Yellow (55%)

Blue (62%)

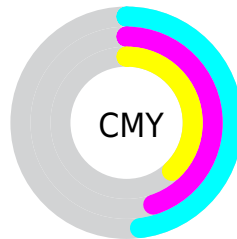


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (48%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3693, 26.5049, 36.1266 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 25.3693, 26.5049, 36.1266 by changing the saturation by 10% instead.

■ 25.3693, 26.5049,
36.1266

■ 25.3693, 26.5049,
36.1266

271.9860,
285.2519, 344.5677

■ 16.4826, 17.2017,
24.2415

■ 51.6943, 54.0884,
70.3987

■ 9.9593, 10.3784,
15.2990

■ 69.8633, 73.1375,
93.6227

■ 5.4340, 5.6506,
8.8806

■ 91.8571, 96.2040,
121.4635

■ 2.5415, 2.6338,
4.5676

118.0411,
123.6723, 154.3396

■ 0.9162, 0.9437,
1.9416

148.7807,
155.9269, 192.6696

■ 0.0000, 0.0000,
0.5190

184.4411,

■ 0.0000, 0.0000,

193.3521, 236.8719

0.0000

225.3877,
236.3323, 287.3650

■ 25.3693, 26.5049,
36.1266

■ 25.3693, 26.5049,
36.1266

■ 21.5521, 22.2991,
35.5164

■ 29.7170, 31.2137,
36.8068

■ 18.2421, 18.5756,
34.9722

■ 34.6127, 36.4387,
37.5573

■ 15.4173, 15.3173,
34.4921

■ 40.0759, 42.1965,
38.3807

■ 13.0537, 12.5045,
34.0738

■ 46.1245, 48.5022,
39.2790

■ 11.1246, 10.1161,
33.7144

■ 52.7757, 55.3701,
40.2541

■ 9.6005, 8.1288,
33.4112

■ 60.0457, 62.8139,
41.3077

■ 8.4481, 6.5171,
33.1608

■ 67.9502, 70.8471,
42.4417

■ 7.6232, 5.2492,
32.9596

■ 74.8663, 78.6380,
43.5809

■ 7.3368, 4.7990,
32.8878

■ 77.8961, 84.6975,
44.5909

Harmonies

Analogous

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



24.1839, 26.5049, 35.3785



25.3693, 26.5049, 36.1266



26.5437, 26.5049, 34.8018

Triad

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



25.3693, 26.5049, 36.1266



27.1895, 26.5049, 25.2203



23.1276, 26.5049, 26.0304

Complementary

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



25.3693, 26.5049, 36.1266



29.2408, 30.7752, 26.5900

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.



23.8872, 26.5049, 23.6351



25.3693, 26.5049, 36.1266



26.2279, 26.5049, 23.1947

Square

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



25.3693, 26.5049, 36.1266



27.6160, 26.5049, 28.3560



25.0158, 26.5049, 22.6385



22.9143, 26.5049, 29.3686

Rectangle

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



25.3693, 26.5049, 36.1266



27.1549, 26.5049, 32.9797



25.0158, 26.5049, 22.6385



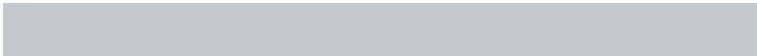
23.3263, 26.5049, 25.0973

Sweetspot

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



25.3701, 26.5060, 36.1272



54.5755, 57.3389, 66.9345



27.3785, 31.6320, 33.3767



12.1782, 12.7919, 15.0709



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.



25.3701, 26.5060, 36.1272



43.5028, 45.3204, 65.1983



24.9035, 24.5768, 35.7794



6.4494, 6.7646, 8.3725



5.9083, 3.9082, 26.3502



0.1415, 0.1417, 0.4831

Inverse Universe

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



27.2964, 25.9679, 28.7741



47.7059, 44.2400, 49.1335



29.7557, 33.0013, 26.9925



6.7162, 6.6794, 7.3566



11.7804, 6.0167, 3.0949



0.2288, 0.1148, 0.1507

Previews

White Background



This preview shows how the XYZ color 25.3693, 26.5049, 36.1266 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 25.3693, 26.5049, 36.1266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

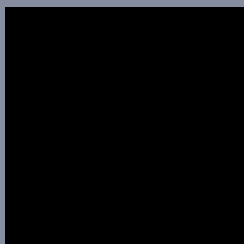
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

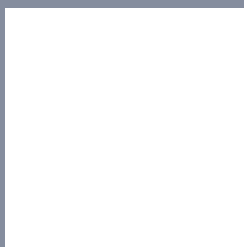
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3693, 26.5049, 36.1266

Background



This preview shows how black text looks on a background with the XYZ color 25.3693, 26.5049, 36.1266.



This preview shows how white text looks on a background with the XYZ color 25.3693, 26.5049,

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

25.3693, 26.5049, 36.1266

Protanopia

25.9451, 26.5938, 35.6639

Deuteranopia

27.0577, 26.5055, 36.4909



Tritanopia

24.9385, 26.5514, 33.9475

Trichromacy



Original Color

25.3693, 26.5049, 36.1266

Protanomaly

25.6172, 26.4247, 35.6486

Deuteranomaly

26.3310, 26.3429, 36.4978

Tritanomaly

25.1051, 26.6181, 34.8250

Monochromacy



Original Color

25.3693, 26.5049, 36.1266

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2726, 26.5596, 31.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3693, 26.5049, 36.1266 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(133, 141, 158)` looks like.

```
.text, #text, p{  
    color:rgb(133, 141, 158)  
}
```

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(133, 141, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 141, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.3693, 26.5049, 36.1266 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(133, 141, 158) }
```


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

```
.border{ border-color:rgb(133, 141, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 141, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 141, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 141, 158); box-shadow:4px 4px 4px 4px rgb(133, 141, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3693, 26.5049, 36.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 141, 158) }
```

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

```
.background{ background-color: rgb(133,  
141, 158) }
```

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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