

Converting Colors

XYZ(25.5382, 27.0277, 30.2687)

Have a look what the booklet for
XYZ(25.5382, 27.0277, 30.2687)
contains.

XYZ(25.5223, 26.9351, 30.2394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.5223, 26.9351,
30.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8E90
RGB	140, 142, 144
RGB Percent	55%, 56%, 56%
CMY	0.4510, 0.4431, 0.4353
CMYK	0.03, 0.01, 0.00, 0.44
HSL	210°, 2%, 56%
HSV	210°, 3%, 56%
XYZ	25.5223, 26.9351, 30.2394
YIQ	141.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

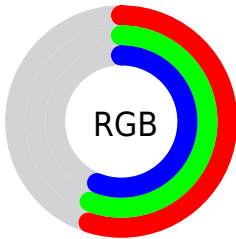
Format	Color
R_{YB}	140, 141, 144
Decimal	9211536
CIE Lab	58.91, -0.33, -1.32
CIE LCh	59, 1.365, 255.961
Yxy	26.9351, 0.3086, 0.3257
Android (android.graphics.Color)	4287401616 (0xFF8C8E90)
YUV	141.6300, 1.1684, -1.4295
Hunter-Lab	51.8990, -3.0427, 1.7835

Details

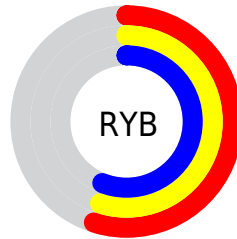
The XYZ color **25.5223, 26.9351, 30.2394** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9083, 27.1685, 28.6899**, and the grayscale version is **25.5618, 26.8930, 29.2865**.

A 20% lighter version of the original color is **52.1811, 55.0264, 61.2970**, and **10.0640, 10.6361, 12.1122** is the 20% darker color. If you saturate the color by 10%, you get **22.2174, 23.6945, 29.7885**, and if you desaturate by 10%, it is **29.2154, 30.4798, 30.7294**.

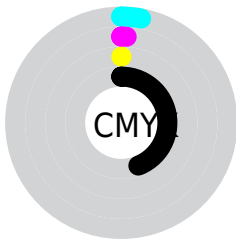
Distribution



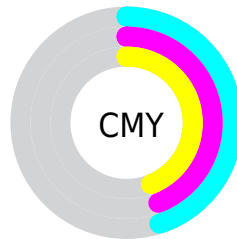
- Red (55%)
- Green (56%)
- Blue (56%)



- Red (55%)
- Yellow (55%)
- Blue (56%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5223, 26.9351, 30.2394 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 25.5223, 26.9351, 30.2394 by changing the saturation by 10% instead.

■ 25.5223, 26.9351,
30.2394

■ 25.5223, 26.9351,
30.2394

272.7290,
287.3428, 317.2607

■ 16.5974, 17.5245,
19.7668

■ 51.9401, 54.7797,
61.1060

■ 10.0414, 10.6091,
12.0432

■ 70.1637, 73.9825,
82.3371

■ 5.4889, 5.8047,
6.6502

■ 92.2176, 97.2181,
107.9915

■ 2.5745, 2.7267,
3.1692

118.4672,
124.8710, 138.4876

■ 0.9330, 0.9908,
1.1817

149.2778,
157.3255, 174.2441

■ 0.0000, 0.0000,
0.0000

185.0147,

194.9660, 215.6794

226.0433,
238.1770, 263.2121

■ 25.5223, 26.9351,
30.2394

■ 25.5223, 26.9351,
30.2394

■ 22.2174, 23.6945,
29.7885

■ 29.2154, 30.4798,
30.7294

■ 19.2847, 20.7457,
29.3739

■ 33.3072, 34.3336,
31.2576

■ 16.7109, 18.0805,
28.9951

■ 37.8106, 38.5058,
31.8255

■ 14.4804, 15.6888,
28.6510

■ 42.7374, 43.0042,
32.4341

■ 12.5768, 13.5601,
28.3405

■ 48.0987, 47.8363,
33.0842

■ 10.9821, 11.6830,
28.0622

■ 53.9053, 53.0093,
33.7767

■ 9.6764, 10.0449,
27.8148

■ 60.1675, 58.5302,
34.5123

■ 8.6371, 8.6318,
27.5969

■ 66.8210, 64.3675,
35.2883

■ 7.8378, 7.4278,
27.4066

■ 68.5209, 67.7673,
35.8549

Harmonies

Analogous

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



25.3759, 26.9351, 30.0015



25.5223, 26.9351, 30.2394



25.6904, 26.9351, 30.2312

Triad

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



25.5223, 26.9351, 30.2394



25.9145, 26.9351, 29.0727



25.3682, 26.9351, 28.6859

Complementary

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



25.5223, 26.9351, 30.2394



25.9083, 27.1685, 28.6899

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.



25.5118, 26.9351, 28.4425



25.5223, 26.9351, 30.2394



25.8274, 26.9351, 28.6642

Square

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



25.5223, 26.9351, 30.2394



25.9174, 26.9351, 29.5540



25.6799, 26.9351, 28.4346



25.2872, 26.9351, 29.1027

Rectangle

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



25.5223, 26.9351, 30.2394



25.7922, 26.9351, 30.0871



25.6799, 26.9351, 28.4346



25.4108, 26.9351, 28.5813

Sweetspot

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



25.5231, 26.9363, 30.2400



46.1103, 48.5678, 53.4823



25.6664, 27.4734, 29.5155



10.5835, 11.1467, 12.2659



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.5231, 26.9363, 30.2400



44.8413, 47.3390, 53.3120



25.2376, 26.3652, 30.1448



5.7607, 6.0857, 6.8998



6.4301, 5.8461, 23.7666



0.0835, 0.0999, 0.2346

Inverse Universe

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



25.7628, 26.6390, 29.3766



45.3067, 46.7632, 51.6353



26.1988, 27.7495, 28.7868



5.8328, 5.9970, 6.6401



11.0487, 5.5765, 5.9078



0.1167, 0.0578, 0.1150

Previews

White Background



This preview shows how the XYZ color 25.5223, 26.9351, 30.2394 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 25.5223, 26.9351, 30.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

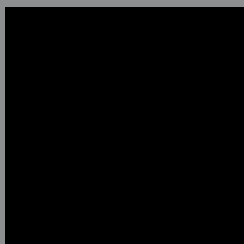
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

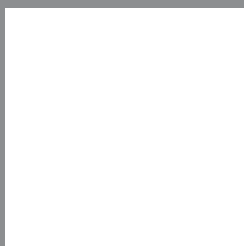
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5223, 26.9351, 30.2394

Background



This preview shows how black text looks on a background with the XYZ color 25.5223, 26.9351, 30.2394.



This preview shows how white text looks on a background with the XYZ color 25.5223, 26.9351,

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

25.5223, 26.9351, 30.2394

Protanopia

25.9844, 26.9622, 29.8213

Deuteranopia

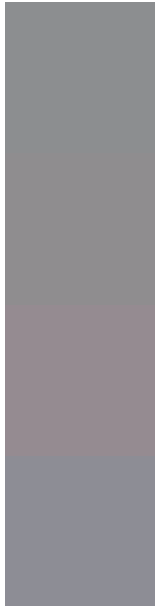
27.3829, 26.8057, 30.5188



Tritanopia

26.1769, 26.9795, 33.5337

Trichromacy



Original Color

25.5223, 26.9351, 30.2394

Protanomaly

25.8105, 26.8726, 29.8132

Deuteranomaly

26.7379, 26.8991, 30.5709

Tritanomaly

25.9342, 26.8824, 32.2557

Monochromacy



Original Color

25.5223, 26.9351, 30.2394

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6154, 26.9919, 29.8465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5223, 26.9351, 30.2394 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(140, 142, 144) looks like.

```
.text, #text, p{  
    color:rgb(140, 142, 144)  
}
```

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(140, 142, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 142, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.5223, 26.9351, 30.2394 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(140, 142, 144) }
```


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

```
.border{ border-color:rgb(140, 142, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 142, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 142, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 142, 144);  
box-shadow:4px 4px 4px 4px rgb(140, 142,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5223, 26.9351, 30.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 142, 144) }
```

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

```
.background{ background-color: rgb(140,  
142, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor