

Converting Colors

XYZ(25.9398, 29.5283, 28.5044)

Have a look what the booklet for
XYZ(25.9398, 29.5283, 28.5044)
contains.

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Color

**XYZ(25.9690, 29.5257,
28.3751)**

Conversions

Conversions Part 1

Format	Color
Hex	88988A
RGB	136, 152, 138
RGB Percent	53%, 60%, 54%
CMY	0.4667, 0.4039, 0.4588
CMYK	0.11, 0.00, 0.09, 0.40
HSL	128°, 7%, 56%
HSV	128°, 11%, 60%
XYZ	25.9690, 29.5257, 28.3751
YIQ	145.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

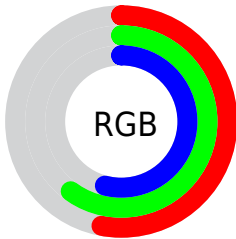
Format	Color
R_{YB}	136, 150, 152
Decimal	8951946
CIE Lab	61.24, -8.50, 5.43
CIE LCh	61, 10.083, 147.426
Yxy	29.5257, 0.3096, 0.3520
Android (android.graphics.Color)	4287142026 (0xFF88988A)
YUV	145.6200, -3.7567, -8.4367
Hunter-Lab	54.3376, -9.7820, 7.0750

Details

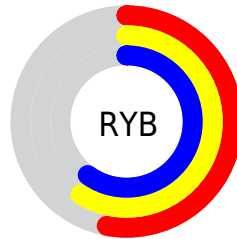
The XYZ color **25.9690, 29.5257, 28.3751** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2591, 26.4864, 32.5311**, and the grayscale version is **27.1832, 28.5988, 31.1441**.

A 20% lighter version of the original color is **52.4615, 58.7230, 57.8599**, and **10.2529, 11.9904, 11.0065** is the 20% darker color. If you saturate the color by 10%, you get **22.7686, 27.9812, 23.5030**, and if you desaturate by 10%, it is **29.6391, 31.3004, 33.8861**.

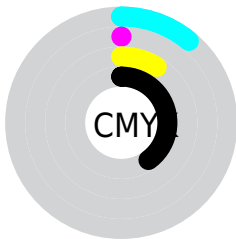
Distribution



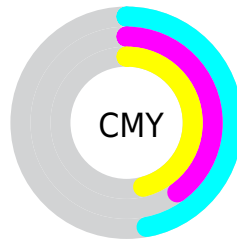
- Red (53%)
- Green (60%)
- Blue (54%)



- Red (53%)
- Yellow (59%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9690, 29.5257, 28.3751 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 25.9690, 29.5257, 28.3751 by changing the saturation by 10% instead.

■ 25.9690, 29.5257,
28.3751

■ 25.9690, 29.5257,
28.3751

274.8894,
299.6873, 308.2231

■ 16.9330, 19.4789,
18.3671

■ 52.6566, 58.9113,
58.1130

■ 10.2817, 12.0168,
11.0417

■ 71.0389, 79.0188,
78.6801

■ 5.6499, 6.7551,
5.9804

■ 93.2674, 103.2487,
103.6039

■ 2.6720, 3.3094,
2.7646

119.7073,
131.9854, 133.3029

■ 0.9828, 1.2953,
0.9757

150.7242,
165.6132, 168.1959

■ 0.0000, 0.1376,
0.0000

186.6832,

■ 0.0000, 0.0000,

204.5165, 208.7012

0.0000

227.9498,
249.0797, 255.2374

■ 25.9690, 29.5257,
28.3751

■ 25.9690, 29.5257,
28.3751

■ 22.7686, 27.9812,
23.5030

■ 29.6391, 31.3004,
33.8861

■ 20.0166, 26.6539,
19.2447

■ 33.7943, 33.3102,
40.0558

■ 17.6936, 25.5351,
15.5765

■ 38.4523, 35.5647,
46.9058

■ 15.7779, 24.6143,
12.4723

■ 43.6292, 38.0718,
54.4558

■ 14.2457, 23.8797,
9.9042

■ 49.3403, 40.8388,
62.7251

■ 13.0710, 23.3185,
7.8418

■ 55.6004, 43.8731,
71.7319

■ 12.2243, 22.9164,
6.2516

■ 62.4236, 47.1816,
81.4939

■ 11.6715, 22.6563,
5.0961

■ 68.8591, 50.2738,
91.9832

■ 11.3464, 22.5047,
4.3620

■ 70.5188, 50.9376,
100.7229

Harmonies

Analogous

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



26.9052, 29.5257, 26.0928



25.9690, 29.5257, 28.3751



25.5924, 29.5257, 31.8217

Triad

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



25.9690, 29.5257, 28.3751



27.9489, 29.5257, 40.0091



30.3878, 29.5257, 28.9009

Complementary

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



25.9690, 29.5257, 28.3751



27.2591, 26.4864, 32.5311

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.



30.6883, 29.5257, 32.4775



25.9690, 29.5257, 28.3751



29.2542, 29.5257, 39.0754

Square

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



25.9690, 29.5257, 28.3751



26.7128, 29.5257, 38.7031



30.2673, 29.5257, 36.2424



29.4585, 29.5257, 26.3791

Rectangle

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



25.9690, 29.5257, 28.3751



25.7002, 29.5257, 34.3853



30.2673, 29.5257, 36.2424



30.5670, 29.5257, 30.0108

Sweetspot

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



25.9698, 29.5270, 28.3757



50.5947, 54.4146, 57.2397



28.2756, 30.7322, 27.7344



11.3830, 12.3114, 12.8353



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.9698, 29.5270, 28.3757



44.2168, 51.3328, 47.6300



26.5604, 29.7632, 31.4858



6.1620, 6.9375, 6.7767



9.5201, 18.8715, 3.6932



0.1495, 0.2850, 0.0929

Inverse Universe

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



27.2591, 26.4864, 32.5311



47.0293, 44.6997, 56.6943



26.6465, 26.2413, 29.3051



6.4280, 6.3103, 7.6338



14.4149, 7.0202, 19.2415



0.2236, 0.1082, 0.3305

Previews

White Background



This preview shows how the XYZ color 25.9690, 29.5257, 28.3751 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 25.9690, 29.5257, 28.3751 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

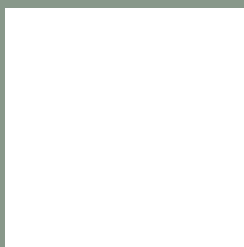
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9690, 29.5257, 28.3751

Background



This preview shows how black text looks on a background with the XYZ color 25.9690, 29.5257, 28.3751.



This preview shows how white text looks on a background with the XYZ color 25.9690, 29.5257,

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

25.9690, 29.5257, 28.3751

Protanopia

27.9438, 29.3890, 27.1215

Deuteranopia

30.0731, 29.5377, 28.9273



Tritanopia

27.9957, 29.6436, 37.9645

Trichromacy



Original Color

25.9690, 29.5257, 28.3751

Protanomaly

27.2240, 29.4755, 27.5470

Deuteranomaly

28.2655, 29.2919, 28.5902

Tritanomaly

27.3036, 29.6016, 34.4116

Monochromacy



Original Color

25.9690, 29.5257, 28.3751

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7032, 28.9138, 30.1601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9690, 29.5257, 28.3751 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(136, 152, 138)` looks like.

```
.text, #text, p{  
    color:rgb(136, 152, 138)  
}
```

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(136, 152, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 152, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.9690, 29.5257, 28.3751 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(136, 152, 138) }
```


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

```
.border{ border-color:rgb(136, 152, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 152, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 152, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 152, 138);  
box-shadow:4px 4px 4px 4px rgb(136, 152,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9690, 29.5257, 28.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 152, 138) }
```

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

```
.background{ background-color: rgb(136,  
152, 138) }
```

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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