

Converting Colors

XYZ(25.9710, 25.3896, 34.2473)

Have a look what the booklet for
XYZ(25.9710, 25.3896, 34.2473)
contains.

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Color

**XYZ(25.8594, 25.3126,
34.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	90869A
RGB	144, 134, 154
RGB Percent	56%, 53%, 60%
CMY	0.4353, 0.4745, 0.3961
CMYK	0.06, 0.13, 0.00, 0.40
HSL	270°, 9%, 56%
HSV	270°, 13%, 60%
XYZ	25.8594, 25.3126, 34.0947
YIQ	139.2700, -0.4600, 8.3400

Conversions

Conversions Part 2

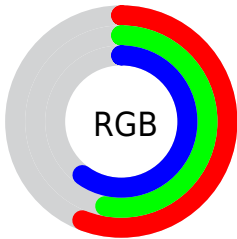
Format	Color
R_{YB}	144, 134, 154
Decimal	9471642
CIE Lab	57.38, 7.70, -9.30
CIE LCh	57, 12.072, 309.636
Yxy	25.3126, 0.3033, 0.2969
Android (android.graphics.Color)	4287661722 (0xFF90869A)
YUV	139.2700, 7.2619, 4.1482
Hunter-Lab	50.3116, 3.7009, -4.9609

Details

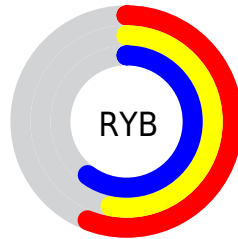
The XYZ color $25.8594, 25.3126, 34.0947$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.3613, 30.7624, 27.0512$, and the grayscale version is $24.6183, 25.9003, 28.2055$.

A 20% lighter version of the original color is $52.4442, 52.1005, 66.9668$, and $10.2346, 9.6996, 14.1648$ is the 20% darker color. If you saturate the color by 10%, you get $22.5847, 20.6920, 33.3758$, and if you desaturate by 10%, it is $29.5374, 30.6026, 34.9223$.

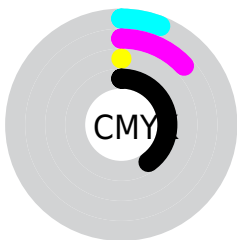
Distribution



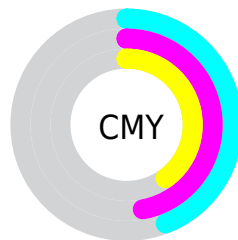
- Red (56%)
- Green (53%)
- Blue (60%)



- Red (56%)
- Yellow (53%)
- Blue (60%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8594, 25.3126, 34.0947 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 25.8594, 25.3126, 34.0947 by changing the saturation by 10% instead.

■ 25.8594, 25.3126,
34.0947

■ 25.8594, 25.3126,
34.0947

274.3606,
279.3912, 335.3361

■ 16.8506, 16.3101,
22.6884

■ 52.4810, 52.1639,
67.2165

■ 10.2227, 9.7439,
14.1605

■ 70.8244, 70.7815,
89.7691

■ 5.6102, 5.2295,
8.0923

■ 93.0102, 93.3729,
116.8742

■ 2.6480, 2.3825,
4.0655

119.4036,
120.3225, 148.9503

■ 0.9705, 0.8169,
1.6613

150.3700,
152.0148, 186.4160

■ 0.0000, 0.0000,
0.3340

186.2747,

■ 0.0000, 0.0000,

188.8340, 229.6899

0.0000

227.4831,
231.1647, 279.1904

■ 25.8594, 25.3126,
34.0947

■ 25.8594, 25.3126,
34.0947

■ 22.5847, 20.6920,
33.3758

■ 29.5374, 30.6026,
34.9223

■ 19.6958, 16.7099,
32.7595

■ 33.6307, 36.5848,
35.8613

■ 17.1773, 13.3379,
32.2413

■ 38.1536, 43.2848,
36.9161

■ 15.0117, 10.5439,
31.8162

■ 43.1189, 50.7259,
38.0907

■ 13.1802, 8.2931,
31.4783

■ 48.5392, 58.9304,
39.3886

■ 11.6617, 6.5463,
31.2211

■ 54.4261, 67.9197,
40.8135

■ 10.4323, 5.2593,
31.0375

■ 60.7911, 77.7141,
42.3685

■ 9.4642, 4.3795,
30.9187

■ 66.9380, 86.9190,
43.8213

■ 8.8926, 3.9105,
30.8583

■ 69.1234, 88.0456,
43.9235

Harmonies

Analogous

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



24.5230, 25.3126, 36.0945



25.8594, 25.3126, 34.0947



26.7351, 25.3126, 30.3989

Triad

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



25.8594, 25.3126, 34.0947



25.0303, 25.3126, 20.8063



21.4437, 25.3126, 28.9030

Complementary

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



25.8594, 25.3126, 34.0947



27.3613, 30.7624, 27.0512

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.



21.5674, 25.3126, 24.9057



25.8594, 25.3126, 34.0947



23.6007, 25.3126, 20.4914

Square

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



25.8594, 25.3126, 34.0947



26.2435, 25.3126, 22.8282



22.3439, 25.3126, 21.9206



21.9990, 25.3126, 32.9068

Rectangle

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



25.8594, 25.3126, 34.0947



26.9202, 25.3126, 27.6113



22.3439, 25.3126, 21.9206



21.4078, 25.3126, 27.5110

Sweetspot

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



25.8602, 25.3137, 34.0953



52.8886, 54.4789, 63.2642



25.6890, 27.4500, 34.5166



11.8586, 12.1683, 14.2941



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.8602, 25.3137, 34.0953



44.9120, 43.0510, 61.4788



27.6216, 26.2217, 34.1777



6.1639, 6.1704, 7.7951



7.2863, 3.2073, 25.1427



0.1508, 0.0696, 0.3778

Inverse Universe

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



26.8865, 25.9350, 29.9758



47.2296, 44.4541, 52.1764



25.7444, 29.9289, 26.9755



6.3311, 6.2716, 7.1239



11.9671, 6.0411, 6.3518



0.1972, 0.0977, 0.1915

Previews

White Background



This preview shows how the XYZ color 25.8594, 25.3126, 34.0947 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 25.8594, 25.3126, 34.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

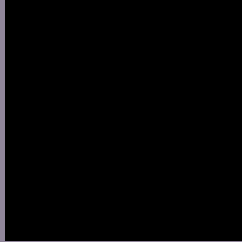
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8594, 25.3126, 34.0947

Background



This preview shows how black text looks on a background with the XYZ color 25.8594, 25.3126, 34.0947.



This preview shows how white text looks on a background with the XYZ color 25.8594, 25.3126,

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

25.8594, 25.3126, 34.0947

Protanopia

24.9381, 25.4425, 35.0490

Deuteranopia

25.8594, 25.3126, 34.0947



Tritanopia

25.1800, 25.2429, 30.7394

Trichromacy



Original Color

25.8594, 25.3126, 34.0947

Protanomaly

25.2018, 25.3782, 34.5805

Deuteranomaly

25.8594, 25.3126, 34.0947

Tritanomaly

25.4165, 25.3375, 31.9848

Monochromacy



Original Color

25.8594, 25.3126, 34.0947

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9642, 25.5677, 30.0049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8594, 25.3126, 34.0947 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(144, 134, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 134, 154)  
}
```

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(144, 134, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 134, 154) }
```

Border

The CSS property to change the border of an element to XYZ 25.8594, 25.3126, 34.0947 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(144, 134, 154) }
```


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

```
.border{ border-color:rgb(144, 134, 154) }
```

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

Here you see how a box with a 4 pixel rgb(144, 134, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 134, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 134, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 134,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8594, 25.3126, 34.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 134, 154) }
```

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

```
.background{ background-color: rgb(144,  
134, 154) }
```

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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