

Converting Colors

XYZ(24.8468, 24.6705, 32.5380)

Have a look what the booklet for
XYZ(24.8468, 24.6705, 32.5380)
contains.

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Color

**XYZ(24.7887, 24.5849,
32.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8597
RGB	140, 133, 151
RGB Percent	55%, 52%, 59%
CMY	0.4510, 0.4784, 0.4078
CMYK	0.07, 0.12, 0.00, 0.41
HSL	263°, 8%, 56%
HSV	263°, 12%, 59%
XYZ	24.7887, 24.5849, 32.7170
YIQ	137.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

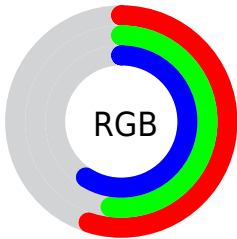
Format	Color
R_{YB}	140, 133, 151
Decimal	9209239
CIE Lab	56.67, 6.23, -8.67
CIE LCh	57, 10.672, 305.696
Yxy	24.5849, 0.3020, 0.2995
Android (android.graphics.Color)	4287399319 (0xFF8C8597)
YUV	137.1450, 6.8305, 2.5038
Hunter-Lab	49.5832, 2.4691, -4.4138

Details

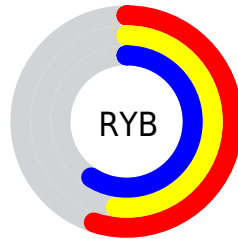
The XYZ color **24.7887, 24.5849, 32.7170** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8027, 29.7566, 26.5225**, and the grayscale version is **23.8087, 25.0486, 27.2780**.

A 20% lighter version of the original color is **50.8265, 50.9949, 64.9218**, and **9.6870, 9.4344, 13.3671** is the 20% darker color. If you saturate the color by 10%, you get **21.3780, 19.9757, 32.0075**, and if you desaturate by 10%, it is **28.6286, 29.8579, 33.5328**.

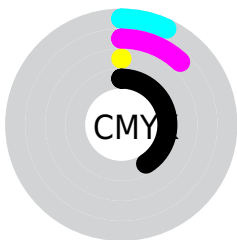
Distribution



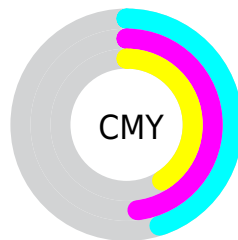
- Red (55%)
- Green (52%)
- Blue (59%)



- Red (55%)
- Yellow (52%)
- Blue (59%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (41%)



- Cyan (45%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7887, 24.5849, 32.7170 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 24.7887, 24.5849, 32.7170 by changing the saturation by 10% instead.

■ 24.7887, 24.5849,
32.7170

■ 24.7887, 24.5849,
32.7170

269.1511,
275.7644, 328.9654

■ 16.0476, 15.7681,
21.6404

■ 50.7596, 50.9830,
65.0444

■ 9.6489, 9.3602,
13.3971

■ 68.7201, 69.3331,
87.1322

■ 5.2273, 4.9769,
7.5686

■ 90.4844, 91.6297,
113.7275

■ 2.4173, 2.2337,
3.7364

116.4179,
118.2572, 145.2489

■ 0.8538, 0.7383,
1.4819

146.8860,
149.6000, 182.1148

■ 0.0000, 0.0000,
0.2044

182.2540,

■ 0.0000, 0.0000,

186.0425, 224.7438

0.0000

222.8872,
227.9692, 273.5545

■ 24.7887, 24.5849,
32.7170

■ 24.7887, 24.5849,
32.7170

■ 21.3780, 19.9757,
32.0075

■ 28.6286, 29.8579,
33.5328

■ 18.3783, 16.0002,
31.3982

■ 32.9103, 35.8168,
34.4573

■ 15.7737, 12.6307,
30.8851

■ 37.6488, 42.4867,
35.4950

■ 13.5460, 9.8362,
30.4631

■ 42.8576, 49.8903,
36.6495

■ 11.6757, 7.5828,
30.1268

■ 48.5497, 58.0494,
37.9243

10.1411, 5.8331,
29.8699

54.7375, 66.9849,
39.3229

8.9180, 4.5443,
29.6856

61.4330, 76.7168,
40.8485

7.9783, 3.6665,
29.5657

68.6477, 87.2643,
42.5041

7.3728, 3.1555,
29.4990

71.7956, 89.4517,
42.7604

Harmonies

Analogous

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



23.6051, 24.5849, 34.1684



24.7887, 24.5849, 32.7170



25.6122, 24.5849, 29.6839

Triad

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



24.7887, 24.5849, 32.7170



24.3641, 24.5849, 21.0062



21.0703, 24.5849, 27.4534

Complementary

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



24.7887, 24.5849, 32.7170



26.8027, 29.7566, 26.5225

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.



21.2574, 24.5849, 24.0510



24.7887, 24.5849, 32.7170



23.1310, 24.5849, 20.5229

Square

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



24.7887, 24.5849, 32.7170



25.3611, 24.5849, 22.9727



22.0011, 24.5849, 21.5891



21.4807, 24.5849, 30.9616

Rectangle

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



24.7887, 24.5849, 32.7170



25.8307, 24.5849, 27.2854



22.0011, 24.5849, 21.5891



21.0655, 24.5849, 26.2587

Sweetspot

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



24.7894, 24.5859, 32.7175



49.7175, 51.3280, 59.7206



25.2481, 27.1986, 33.1977



11.1862, 11.5092, 13.5494



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.



24.7894, 24.5859, 32.7175



42.8836, 41.9751, 58.2755



26.3504, 25.3906, 32.7906



6.1003, 6.1376, 7.7921



6.3022, 2.7000, 25.0967



0.1331, 0.0604, 0.3770

Inverse Universe

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



26.1849, 25.3691, 29.9033



45.8452, 43.6378, 52.2724



25.3089, 28.9865, 26.4525



6.3594, 6.2829, 7.2726



12.5257, 6.2645, 9.2931



0.2050, 0.1008, 0.2324

Previews

White Background



This preview shows how the XYZ color 24.7887, 24.5849, 32.7170 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 24.7887, 24.5849, 32.7170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

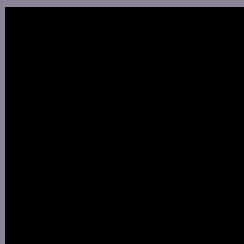
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7887, 24.5849, 32.7170

Background



This preview shows how black text looks on a background with the XYZ color 24.7887, 24.5849, 32.7170.



This preview shows how white text looks on a background with the XYZ color 24.7887, 24.5849,

32.7170.

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

24.7887, 24.5849, 32.7170

Protanopia

24.1630, 24.6633, 33.1927

Deuteranopia

24.9925, 24.4877, 32.6875



Tritanopia

24.2834, 24.5835, 30.2533

Trichromacy



Original Color

24.7887, 24.5849, 32.7170

Protanomaly

24.3459, 24.5514, 33.1615

Deuteranomaly

24.8217, 24.3996, 32.6795

Tritanomaly

24.4390, 24.6457, 31.0728

Monochromacy



Original Color

24.7887, 24.5849, 32.7170

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1679, 24.9646, 29.1360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7887, 24.5849, 32.7170 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, 133, 151)` looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 151)  
}
```

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, 133, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 151) }
```

Border

The CSS property to change the border of an element to XYZ 24.7887, 24.5849, 32.7170 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, 133, 151) }
```


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

```
.border{ border-color:rgb(140, 133, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 133, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 151);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7887, 24.5849, 32.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 151) }
```

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

```
.background{ background-color: rgb(140,  
133, 151) }
```

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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