

Converting Colors

XYZ(24.7530, 23.4835, 32.2735)

Have a look what the booklet for
XYZ(24.7530, 23.4835, 32.2735)
contains.

XYZ(24.7258, 23.5696, 32.1004)	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(24.7258, 23.5696,
32.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	908096
RGB	144, 128, 150
RGB Percent	56%, 50%, 59%
CMY	0.4353, 0.4980, 0.4118
CMYK	0.04, 0.15, 0.00, 0.41
HSL	284°, 9%, 55%
HSV	284°, 15%, 59%
XYZ	24.7258, 23.5696, 32.1004
YIQ	135.2920, 2.4740, 10.2340

Conversions

Conversions Part 2

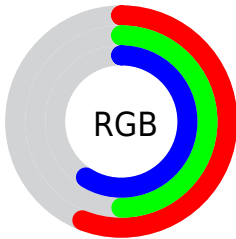
Format	Color
R_{YB}	144, 128, 150
Decimal	9470102
CIE Lab	55.65, 10.33, -9.57
CIE LCh	56, 14.080, 317.187
Yxy	23.5696, 0.3076, 0.2932
Android (android.graphics.Color)	4287660182 (0xFF908096)
YUV	135.2920, 7.2510, 7.6369
Hunter-Lab	48.5485, 5.9502, -5.2187

Details

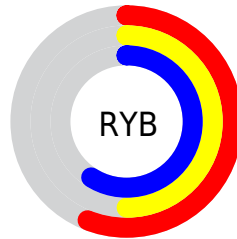
The XYZ color **24.7258, 23.5696, 32.1004** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6349, 28.4401, 24.6143**, and the grayscale version is **23.1114, 24.3150, 26.4790**.

A 20% lighter version of the original color is **50.7117, 49.4131, 63.9916**, and **9.6642, 8.8725, 13.0076** is the 20% darker color. If you saturate the color by 10%, you get **22.2107, 19.5806, 31.4634**, and if you desaturate by 10%, it is **27.5575, 28.1525, 32.8361**.

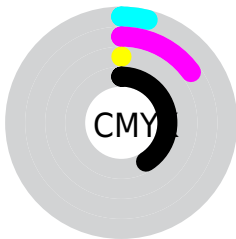
Distribution



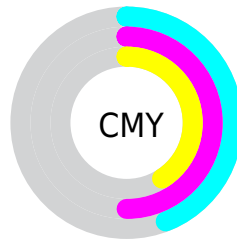
- Red (56%)
- Green (50%)
- Blue (59%)



- Red (56%)
- Yellow (50%)
- Blue (59%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7258, 23.5696, 32.1004 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 24.7258, 23.5696, 32.1004 by changing the saturation by 10% instead.

■ 24.7258, 23.5696,
32.1004

■ 24.7258, 23.5696,
32.1004

268.8425,
270.6372, 326.0832

■ 16.0005, 15.0147,
21.1727

■ 50.6581, 49.3269,
64.0682

■ 9.6154, 8.8297,
13.0579

■ 68.5959, 67.2981,
85.9454

■ 5.2050, 4.6303,
7.3372

■ 90.3353, 89.1768,
112.3095

■ 2.4040, 2.0320,
3.5922

116.2415,
115.3475, 143.5792

■ 0.8471, 0.6260,
1.4044

146.6800,
146.1944, 180.1728

■ 0.0000, 0.0000,
0.1452

182.0161,

■ 0.0000, 0.0000,

182.1021, 222.5090

0.0000

222.6151,
223.4549, 271.0063

■ 24.7258, 23.5696,
32.1004

■ 24.7258, 23.5696,
32.1004

■ 22.2107, 19.5806,
31.4634

■ 27.5575, 28.1525,
32.8361

■ 19.9970, 16.1571,
30.9192

■ 30.7158, 33.3500,
33.6729

■ 18.0718, 13.2726,
30.4639

■ 34.2128, 39.1858,
34.6150

■ 16.4200, 10.8977,
30.0926

■ 38.0595, 45.6813,
35.6660

■ 15.0250, 8.9998,
29.7998

■ 42.2662, 52.8568,
36.8293

■ 13.8686, 7.5426,
29.5795

■ 46.8428, 60.7319,
38.1081

■ 12.9297, 6.4845,
29.4247

■ 51.7989, 69.3251,
39.5056

■ 12.1818, 5.7730,
29.3268

■ 57.1437, 78.6547,
41.0246

■ 11.8228, 5.4590,
29.2851

■ 60.2792, 83.5242,
41.7993

Harmonies

Analogous

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



23.3198, 23.5696, 34.9920



24.7258, 23.5696, 32.1004



25.5246, 23.5696, 27.6588

Triad

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



24.7258, 23.5696, 32.1004



23.0885, 23.5696, 18.0227



19.6008, 23.5696, 28.3445

Complementary

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



24.7258, 23.5696, 32.1004



24.6349, 28.4401, 24.6143

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.



19.5455, 23.5696, 23.7662



24.7258, 23.5696, 32.1004



21.5090, 23.5696, 18.1601

Square

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



24.7258, 23.5696, 32.1004



24.5496, 23.5696, 19.7495



20.2289, 23.5696, 20.1500



20.3838, 23.5696, 32.6534

Rectangle

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



24.7258, 23.5696, 32.1004



25.5816, 23.5696, 24.5810



20.2289, 23.5696, 20.1500



19.4978, 23.5696, 26.7769

Sweetspot

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



24.7265, 23.5706, 32.1009



48.9429, 50.1896, 58.0292



22.9654, 23.9069, 32.2587



10.7646, 10.9890, 12.8386



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.7265, 23.5706, 32.1009



41.9346, 38.8791, 56.2155



25.4264, 23.9749, 30.1706



5.8826, 5.8305, 7.2851



9.8372, 4.5438, 24.2896



0.1487, 0.0702, 0.2986

Inverse Universe

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



24.6007, 23.6446, 25.8225



41.6886, 39.0535, 42.5971



24.0268, 28.0895, 26.2623



5.8619, 5.8398, 6.3790



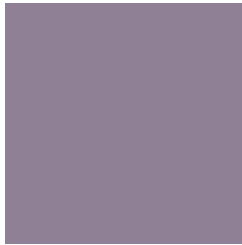
10.7744, 5.5148, 2.2930



0.1429, 0.0719, 0.0862

Previews

White Background



This preview shows how the XYZ color 24.7258, 23.5696, 32.1004 looks on a white background.

Color Contrast Check

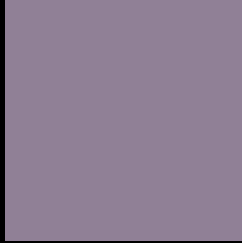
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7258, 23.5696, 32.1004 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 24.7258, 23.5696, 32.1004

Background



This preview shows how black text looks on a background with the XYZ color 24.7258, 23.5696, 32.1004.



This preview shows how white text looks on a background with the XYZ color 24.7258, 23.5696,

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

24.7258, 23.5696, 32.1004

Protanopia

23.2070, 23.5483, 33.4591

Deuteranopia

24.1351, 23.6562, 32.1482



Tritanopia

23.8716, 23.6095, 28.1099

Trichromacy



Original Color

24.7258, 23.5696, 32.1004

Protanomaly

23.7755, 23.6505, 33.0177

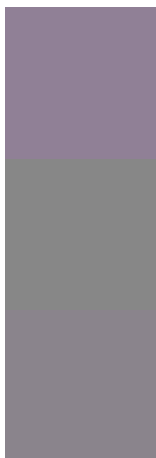
Deuteranomaly

24.3398, 23.5652, 32.1199

Tritanomaly

24.2120, 23.5538, 29.6558

Monochromacy



Original Color

24.7258, 23.5696, 32.1004

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4661, 23.7993, 28.1679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7258, 23.5696, 32.1004 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, 128, 150)` looks like.

```
.text, #text, p{  
    color:rgb(144, 128, 150)  
}
```

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, 128, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 128, 150) }
```

Border

The CSS property to change the border of an element to XYZ 24.7258, 23.5696, 32.1004 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, 128, 150) }
```


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

```
.border{ border-color:rgb(144, 128, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 128, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 128, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 128, 150);  
box-shadow:4px 4px 4px 4px rgb(144, 128,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7258, 23.5696, 32.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 128, 150) }
```

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

```
.background{ background-color: rgb(144,  
128, 150) }
```

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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