

Converting Colors

XYZ(24.2500, 25.6198, 29.1264)

Have a look what the booklet for
XYZ(24.2500, 25.6198, 29.1264)
contains.

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Color

**XYZ(24.2684, 25.6525,
29.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	888B8E
RGB	136, 139, 142
RGB Percent	53%, 55%, 56%
CMY	0.4667, 0.4549, 0.4431
CMYK	0.04, 0.02, 0.00, 0.44
HSL	210°, 3%, 55%
HSV	210°, 4%, 56%
XYZ	24.2684, 25.6525, 29.2635
YIQ	138.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

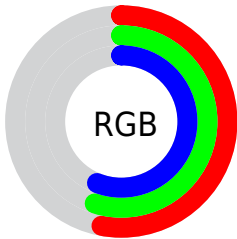
Format	Color
R_{YB}	136, 138, 142
Decimal	8948622
CIE _{Lab}	57.71, -0.49, -1.99
CIE _{LCh}	58, 2.050, 256.057
Yxy	25.6525, 0.3065, 0.3240
Android (android.graphics.Color)	4287138702 (0xFF888B8E)
YUV	138.4450, 1.7526, -2.1443
Hunter-Lab	50.6483, -3.1053, 1.1973

Details

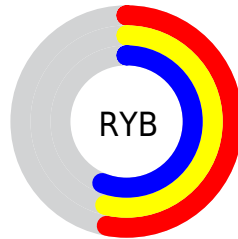
The XYZ color `24.2684, 25.6525, 29.2635` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `24.8318, 25.9931, 27.0012`, and the grayscale version is `24.3224, 25.5890, 27.8665`.

A 20% lighter version of the original color is `49.7997, 52.5036, 59.7340`, and `9.3419, 9.8959, 11.5429` is the 20% darker color. If you saturate the color by 10%, you get `21.1195, 22.5542, 28.8318`, and if you desaturate by 10%, it is `27.7910, 29.0438, 29.7328`.

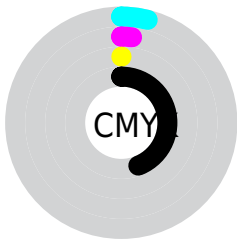
Distribution



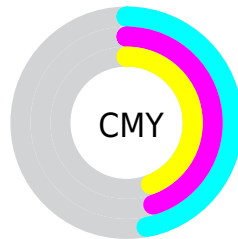
- Red (53%)
- Green (55%)
- Blue (56%)



- Red (53%)
- Yellow (54%)
- Blue (56%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2684, 25.6525, 29.2635 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 24.2684, 25.6525, 29.2635 by changing the saturation by 10% instead.

■ 24.2684, 25.6525,
29.2635

■ 24.2684, 25.6525,
29.2635

266.5900,
281.0720, 312.5559

■ 15.6587, 16.5639,
19.0330

■ 49.9193, 52.7138,
59.5426

■ 9.3722, 9.9240,
11.5170

■ 67.6912, 71.4553,
80.4283

■ 5.0438, 5.3486,
6.2972

■ 89.2479, 94.1831,
105.7028

■ 2.3080, 2.4532,
2.9549

114.9546,
121.2817, 135.7846

■ 0.7988, 0.8531,
1.0717

145.1769,
153.1356, 171.0923

■ 0.0000, 0.0000,
0.0000

180.2800,

190.1289, 212.0444

220.6292,
232.6463, 259.0594

■ 24.2684, 25.6525,
29.2635

■ 24.2684, 25.6525,
29.2635

■ 21.1195, 22.5542,
28.8318

■ 27.7910, 29.0438,
29.7328

■ 18.3289, 19.7371,
28.4351

■ 31.6976, 32.7330,
30.2390

■ 15.8833, 17.1930,
28.0730

■ 36.0009, 36.7293,
30.7836

■ 13.7679, 14.9122,
27.7443

■ 40.7120, 41.0401,
31.3673

■ 11.9664, 12.8845,
27.4478

■ 45.8420, 45.6727,
31.9911

■ 10.4612, 11.0986,
27.1824

■ 51.4013, 50.6342,
32.6558

■ 9.2328, 9.5422,
26.9467

■ 57.4000, 55.9313,
33.3621

■ 8.2590, 8.2016,
26.7393

■ 63.8478, 61.5707,
34.1107

■ 7.5124, 7.0603,
26.5584

■ 67.4416, 65.8511,
34.7475

Harmonies

Analogous

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



24.0559, 25.6525, 28.9157



24.2684, 25.6525, 29.2635



24.5127, 25.6525, 29.2502

Triad

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



24.2684, 25.6525, 29.2635



24.8382, 25.6525, 27.5591



24.0437, 25.6525, 27.0038

Complementary

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



24.2684, 25.6525, 29.2635



24.8318, 25.9931, 27.0012

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.



24.2516, 25.6525, 26.6525



24.2684, 25.6525, 29.2635



24.7109, 25.6525, 26.9694

Square

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



24.2684, 25.6525, 29.2635



24.8428, 25.6525, 28.2581



24.4958, 25.6525, 26.6400



23.9268, 25.6525, 27.6068

Rectangle

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



24.2684, 25.6525, 29.2635



24.6607, 25.6525, 29.0381



24.4958, 25.6525, 26.6400



24.1052, 25.6525, 26.8528

Sweetspot

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



24.2691, 25.6536, 29.2641



44.7137, 47.0966, 51.8618



24.4795, 26.4417, 28.2017



9.9961, 10.5280, 11.5847



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



24.2691, 25.6536, 29.2641



42.2821, 44.7369, 51.5344



23.8543, 24.8240, 29.1258



5.6171, 5.9458, 6.8804



6.4291, 5.8442, 23.7663



0.0835, 0.0999, 0.2346

Inverse Universe

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



24.6202, 25.2235, 27.9985



43.0269, 43.8309, 48.8479



25.2577, 26.8450, 27.1432



5.7243, 5.8158, 6.4935



11.0482, 5.5763, 5.9053



0.1167, 0.0578, 0.1149

Previews

White Background



This preview shows how the XYZ color 24.2684, 25.6525, 29.2635 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 24.2684, 25.6525, 29.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

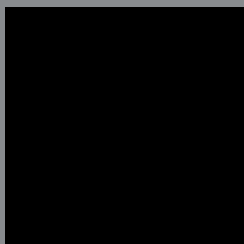
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

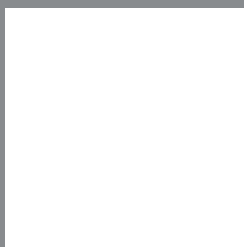
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2684, 25.6525, 29.2635

Background



This preview shows how black text looks on a background with the XYZ color 24.2684, 25.6525, 29.2635.



This preview shows how white text looks on a background with the XYZ color 24.2684, 25.6525,

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

24.2684, 25.6525, 29.2635

Protanopia

24.7114, 25.6755, 28.8527

Deuteranopia

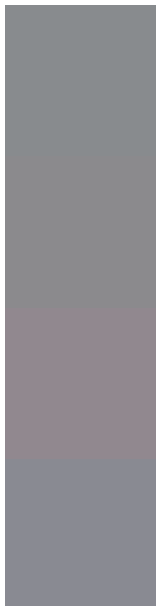
26.0607, 25.5174, 29.5384



Tritanopia

24.8298, 25.6652, 32.0790

Trichromacy



Original Color

24.2684, 25.6525, 29.2635

Protanomaly

24.5437, 25.5890, 28.8449

Deuteranomaly

25.4391, 25.6112, 29.5893

Tritanomaly

24.5933, 25.5706, 30.8336

Monochromacy



Original Color

24.2684, 25.6525, 29.2635

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0652, 25.3594, 28.0526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2684, 25.6525, 29.2635 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, 139, 142)` looks like.

```
.text, #text, p{  
    color:rgb(136, 139, 142)  
}
```

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, 139, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 139, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.2684, 25.6525, 29.2635 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, 139, 142) }
```


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

```
.border{ border-color:rgb(136, 139, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 139, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 139, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 139, 142);  
box-shadow:4px 4px 4px 4px rgb(136, 139,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2684, 25.6525, 29.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 139, 142) }
```

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

```
.background{ background-color: rgb(136,  
139, 142) }
```

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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