

Converting Colors

XYZ(24.8610, 28.5303, 30.6923)

Have a look what the booklet for
XYZ(24.8610, 28.5303, 30.6923)
contains.

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Color

**XYZ(24.8425, 28.4155,
30.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	809690
RGB	128, 150, 144
RGB Percent	50%, 59%, 56%
CMY	0.4980, 0.4118, 0.4353
CMYK	0.15, 0.00, 0.04, 0.41
HSL	164°, 9%, 55%
HSV	164°, 15%, 59%
XYZ	24.8425, 28.4155, 30.5610
YIQ	142.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

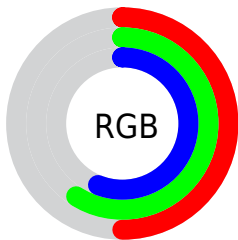
Format	Color
R_{YB}	128, 141, 150
Decimal	8427152
CIE _{Lab}	60.26, -9.03, 0.54
CIE _{LCh}	60, 9.048, 176.587
Yxy	28.4155, 0.2964, 0.3390
Android (android.graphics.Color)	4286617232 (0xFF809690)
YUV	142.7380, 0.6222, -12.9252
Hunter-Lab	53.3062, -10.0988, 3.3228

Details

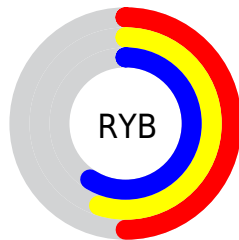
The XYZ color **24.8425, 28.4155, 30.5610** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6010, 23.6444, 25.8227**, and the grayscale version is **26.0054, 27.3597, 29.7948**.

A 20% lighter version of the original color is **50.8420, 57.0867, 61.7653**, and **9.7067, 11.3941, 12.2774** is the 20% darker color. If you saturate the color by 10%, you get **22.4440, 27.2153, 28.8460**, and if you desaturate by 10%, it is **27.5875, 29.7946, 32.3526**.

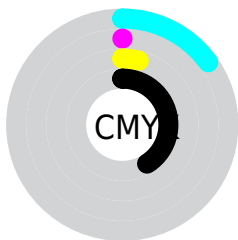
Distribution



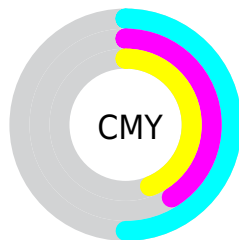
- Red (50%)
- Green (59%)
- Blue (56%)



- Red (50%)
- Yellow (55%)
- Blue (59%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8425, 28.4155, 30.5610 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 24.8425, 28.4155, 30.5610 by changing the saturation by 10% instead.

■ 24.8425, 28.4155,
30.5610

■ 24.8425, 28.4155,
30.5610

269.4148,
294.4470, 318.7990

■ 16.0879, 18.6391,
20.0091

■ 50.8463, 57.1471,
61.6197

■ 9.6776, 11.4098,
12.2175

■ 68.8262, 76.8711,
82.9636

■ 5.2463, 6.3432,
6.7677

■ 90.6119, 100.6798,
108.7420

■ 2.4287, 3.0549,
3.2410

116.5688,
128.9576, 139.3733

■ 0.8595, 1.1604,
1.2190

147.0621,
162.0888, 175.2761

■ 0.0000, 0.0290,
0.0000

182.4574,

■ 0.0000, 0.0000,

200.4578, 216.8690

0.0000

223.1198,
244.4491, 264.5704

■ 24.8425, 28.4155,
30.5610

■ 24.8425, 28.4155,
30.5610

■ 22.4440, 27.2153,
28.8460

■ 27.5875, 29.7946,
32.3526

■ 20.3749, 26.1828,
27.2044

■ 30.6905, 31.3561,
34.2202

■ 18.6202, 25.3112,
25.6354

■ 34.1653, 33.1080,
36.1655

■ 17.1629, 24.5915,
24.1377

■ 38.0241, 35.0565,
38.1899

■ 15.9842, 24.0143,
22.7097

■ 42.2789, 37.2077,
40.2943

■ 15.0630, 23.5685,
21.3497

■ 46.9409, 39.5675,
42.4800

■ 14.3753, 23.2419,
20.0560

■ 52.0209, 42.1414,
44.7479

■ 13.8908, 23.0189,
18.8265

■ 57.5294, 44.9348,
47.0991

■ 13.6716, 22.9196,
18.1947

■ 60.4699, 46.4029,
49.3940

Harmonies

Analogous

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



25.1890, 28.4155, 27.5542



24.8425, 28.4155, 30.5610



25.0625, 28.4155, 33.8871

Triad

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



24.8425, 28.4155, 30.5610



28.0185, 28.4155, 37.0099



28.2549, 28.4155, 25.9087

Complementary

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



24.8425, 28.4155, 30.5610



24.6010, 23.6444, 25.8227

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.



29.0519, 28.4155, 28.1682



24.8425, 28.4155, 30.5610



28.9127, 28.4155, 34.5917

Square

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



24.8425, 28.4155, 30.5610



26.8755, 28.4155, 37.7632



29.2960, 28.4155, 31.3214



27.1411, 28.4155, 24.9919

Rectangle

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



24.8425, 28.4155, 30.5610



25.5042, 28.4155, 35.8151



29.2960, 28.4155, 31.3214



28.5699, 28.4155, 26.5281

Sweetspot

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



24.8433, 28.4167, 30.5616



48.9882, 52.7316, 57.2828



24.6723, 28.4600, 24.6155



10.7765, 11.6458, 12.6447



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.



24.8433, 28.4167, 30.5616



42.2102, 49.3296, 52.8003



24.5691, 27.1145, 32.7942



5.8973, 6.5355, 7.0700



11.3523, 19.0137, 15.1628



0.1513, 0.2377, 0.2509

Inverse Universe

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



24.6010, 23.6444, 25.8227



41.6888, 39.0536, 42.5981



24.8305, 24.7546, 23.8920



5.8619, 5.8398, 6.3791



10.7745, 5.5149, 2.2937



0.1429, 0.0719, 0.0863

Previews

White Background



This preview shows how the XYZ color 24.8425, 28.4155, 30.5610 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 24.8425, 28.4155, 30.5610 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

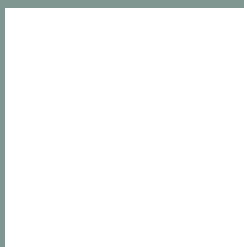
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8425, 28.4155, 30.5610

Background



This preview shows how black text looks on a background with the XYZ color 24.8425, 28.4155, 30.5610.

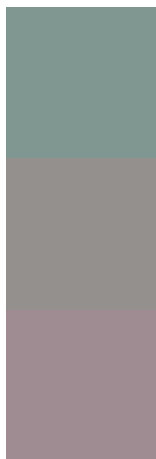


This preview shows how white text looks on a background with the XYZ color 24.8425, 28.4155,

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

24.8425, 28.4155, 30.5610

Protanopia

26.9937, 28.1655, 29.2131

Deuteranopia

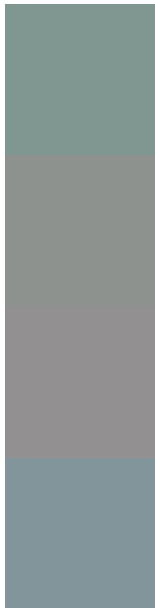
28.6669, 28.1006, 31.1072



Tritanopia

26.2080, 28.5083, 36.9222

Trichromacy



Original Color

24.8425, 28.4155, 30.5610

Protanomaly

26.1459, 28.1735, 29.6512

Deuteranomaly

27.1167, 28.1939, 30.8008

Tritanomaly

25.7861, 28.5738, 34.7281

Monochromacy



Original Color

24.8425, 28.4155, 30.5610

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7180, 27.9442, 30.0249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8425, 28.4155, 30.5610 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(128, 150, 144)` looks like.

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

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(128, 150, 144) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 24.8425, 28.4155, 30.5610 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(128, 150, 144) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 24.8425, 28.4155, 30.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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