

Converting Colors

XYZ(24.0910, 24.7770, 30.1153)

Have a look what the booklet for
XYZ(24.0910, 24.7770, 30.1153)
contains.

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Color

**XYZ(24.0913, 24.6906,
30.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	898791
RGB	137, 135, 145
RGB Percent	54%, 53%, 57%
CMY	0.4627, 0.4706, 0.4314
CMYK	0.06, 0.07, 0.00, 0.43
HSL	252°, 4%, 55%
HSV	252°, 7%, 57%
XYZ	24.0913, 24.6906, 30.2841
YIQ	136.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

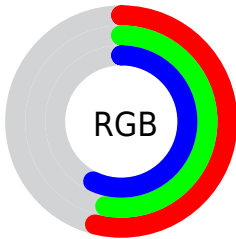
Format	Color
R_{YB}	137, 135, 145
Decimal	9013137
CIE _{Lab}	56.77, 2.75, -5.08
CIE _{LCh}	57, 5.780, 298.460
Yxy	24.6906, 0.3047, 0.3123
Android (android.graphics.Color)	4287203217 (0xFF898791)
YUV	136.7380, 4.0732, 0.2298
Hunter-Lab	49.6896, -0.4137, -1.3524

Details

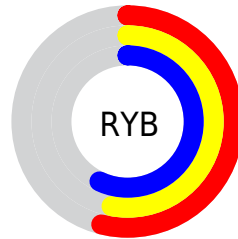
The XYZ color **24.0913, 24.6906, 30.2841** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8272, 27.8404, 26.9353**, and the grayscale version is **23.6652, 24.8976, 27.1135**.

A 20% lighter version of the original color is **49.5272, 51.0371, 61.2736**, and **9.2445, 9.3495, 12.1439** is the 20% darker color. If you saturate the color by 10%, you get **20.4038, 19.9887, 29.5713**, and if you desaturate by 10%, it is **28.2604, 30.0512, 31.0994**.

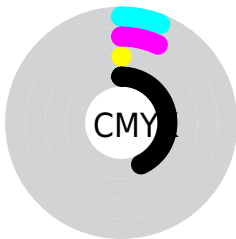
Distribution



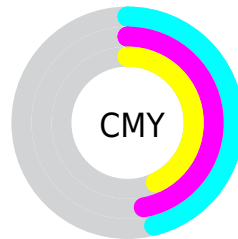
- Red (54%)
- Green (53%)
- Blue (57%)



- Red (54%)
- Yellow (53%)
- Blue (57%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0913, 24.6906, 30.2841 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 24.0913, 24.6906, 30.2841 by changing the saturation by 10% instead.

■ 24.0913, 24.6906,
30.2841

■ 24.0913, 24.6906,
30.2841

265.7137,
276.2936, 317.4749

■ 15.5265, 15.8467,
19.8004

■ 49.6327, 51.1548,
61.1775

■ 9.2784, 9.4157,
12.0674

■ 67.3401, 69.5440,
82.4243

■ 4.9818, 5.0133,
6.6665

■ 88.8256, 91.8836,
108.0959

■ 2.2712, 2.2551,
3.1792

114.4546,
118.5582, 138.6109

■ 0.7799, 0.7498,
1.1868

144.5926,
149.9521, 174.3877

■ 0.0000, 0.0000,
0.0000

179.6049,

186.4497, 215.8450

219.8568,
228.4354, 263.4012

■ 24.0913, 24.6906,
30.2841

■ 24.0913, 24.6906,
30.2841

■ 20.4038, 19.9887,
29.5713

■ 28.2604, 30.0512,
31.0994

■ 17.1781, 15.9168,
28.9553

■ 32.9255, 36.0914,
32.0194

■ 14.3965, 12.4489,
28.4326

■ 38.1030, 42.8349,
33.0482

■ 12.0391, 9.5559,
27.9984

■ 43.8081, 50.3037,
34.1891

■ 10.0844, 7.2063,
27.6479

■ 50.0553, 58.5185,
35.4455

■ 8.5092, 5.3654,
27.3756

■ 56.8584, 67.4992,
36.8204

■ 7.2876, 3.9947,
27.1754

■ 64.2307, 77.2651,
38.3168

■ 6.3903, 3.0497,
27.0403

■ 72.1854, 87.8348,
39.9377

■ 5.7735, 2.4585,
26.9587

■ 77.2917, 92.3400,
40.5382

Harmonies

Analogous

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



23.4328, 24.6906, 30.7713



24.0913, 24.6906, 30.2841



24.5907, 24.6906, 28.8744

Triad

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



24.0913, 24.6906, 30.2841



24.1528, 24.6906, 23.8402



22.1947, 24.6906, 26.7841

Complementary

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



24.0913, 24.6906, 30.2841



25.8272, 27.8404, 26.9353

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.



22.3794, 24.6906, 24.9869



24.0913, 24.6906, 30.2841



23.5026, 24.6906, 23.3384

Square

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



24.0913, 24.6906, 30.2841



24.6267, 24.6906, 25.1520



22.8549, 24.6906, 23.7482



22.3456, 24.6906, 28.6934

Rectangle

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



24.0913, 24.6906, 30.2841



24.7618, 24.6906, 27.6340



22.8549, 24.6906, 23.7482



22.2195, 24.6906, 26.1475

Sweetspot

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



24.0920, 24.6916, 30.2846



46.6583, 48.7272, 54.9197



24.9508, 26.8909, 30.6639



10.4015, 10.8680, 12.2217



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.0920, 24.6916, 30.2846



42.2576, 43.0830, 54.0622



24.9024, 25.1094, 30.3226



5.2240, 5.3037, 6.7771



4.8359, 1.9866, 23.1057



0.0610, 0.0266, 0.2216

Inverse Universe

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



25.2998, 25.3319, 29.5440



44.8009, 44.4315, 52.4930



25.0082, 27.4182, 26.8970



5.5807, 5.4928, 6.5560



12.7303, 6.2491, 14.7627



0.1293, 0.0628, 0.1811

Previews

White Background



This preview shows how the XYZ color 24.0913, 24.6906, 30.2841 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 24.0913, 24.6906, 30.2841 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 24.0913, 24.6906, 30.2841

Background



This preview shows how black text looks on a background with the XYZ color 24.0913, 24.6906, 30.2841.



This preview shows how white text looks on a background with the XYZ color 24.0913, 24.6906,

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

24.0913, 24.6906, 30.2841

Protanopia

23.9282, 24.6065, 30.2764

Deuteranopia

25.1166, 24.5976, 30.6182



Tritanopia

24.1688, 24.7216, 30.6920

Trichromacy



Original Color

24.0913, 24.6906, 30.2841

Protanomaly

23.9282, 24.6065, 30.2764

Deuteranomaly

24.7312, 24.6012, 30.6392

Tritanomaly

24.1688, 24.7216, 30.6920

Monochromacy



Original Color

24.0913, 24.6906, 30.2841

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8543, 24.8201, 28.3445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0913, 24.6906, 30.2841 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(137, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(137, 135, 145)  
}
```

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(137, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 135, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.0913, 24.6906, 30.2841 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(137, 135, 145) }
```


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

```
.border{ border-color:rgb(137, 135, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 135, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(137, 135,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0913, 24.6906, 30.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 135, 145) }
```

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

```
.background{ background-color: rgb(137,  
135, 145) }
```

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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