

Converting Colors

XYZ(24.1524, 24.6152, 33.2480)

Have a look what the booklet for
XYZ(24.1524, 24.6152, 33.2480)
contains.

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Color

**XYZ(24.1630, 24.6633,
33.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	868798
RGB	134, 135, 152
RGB Percent	53%, 53%, 60%
CMY	0.4745, 0.4706, 0.4039
CMYK	0.12, 0.11, 0.00, 0.40
HSL	237°, 8%, 56%
HSV	237°, 12%, 60%
XYZ	24.1630, 24.6633, 33.1927
YIQ	136.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

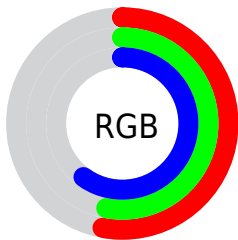
Format	Color
R_{YB}	134, 135, 152
Decimal	8816536
CIE _{Lab}	56.75, 3.18, -9.18
CIE _{LCh}	57, 9.716, 289.126
Yxy	24.6633, 0.2946, 0.3007
Android (android.graphics.Color)	4287006616 (0xFF868798)
YUV	136.6390, 7.5730, -2.3144
Hunter-Lab	49.6622, -0.0600, -4.8641

Details

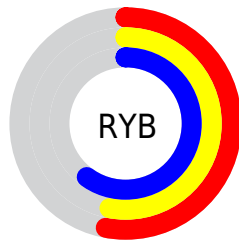
The XYZ color **24.1630, 24.6633, 33.1927** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3187, 30.5296, 26.9550**, and the grayscale version is **23.6163, 24.8462, 27.0575**.

A 20% lighter version of the original color is **49.6173, 50.9875, 65.6190**, and **9.2536, 9.3214, 13.6234** is the 20% darker color. If you saturate the color by 10%, you get **20.0429, 19.7646, 32.4647**, and if you desaturate by 10%, it is **28.9029, 30.2837, 34.0281**.

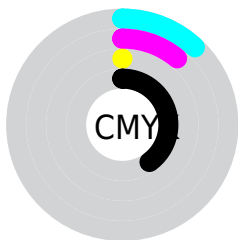
Distribution



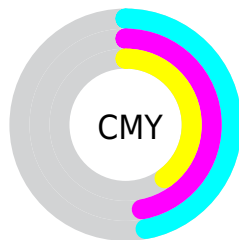
- Red (53%)
- Green (53%)
- Blue (60%)



- Red (53%)
- Yellow (53%)
- Blue (60%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (47%)
- Yellow (40%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1630, 24.6633, 33.1927 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 24.1630, 24.6633, 33.1927 by changing the saturation by 10% instead.

■ 24.1630, 24.6633,
33.1927

■ 24.1630, 24.6633,
33.1927

266.0687,
276.1570, 331.1758

■ 15.5800, 15.8264,
22.0018

■ 49.7488, 51.1105,
65.7957

■ 9.3164, 9.4014,
13.6599

■ 67.4823, 69.4895,
88.0449

■ 5.0069, 5.0039,
7.7485

■ 88.9966, 91.8180,
114.8173

■ 2.2861, 2.2496,
3.8490

114.6572,
118.4805, 146.5314

■ 0.7875, 0.7468,
1.5429

144.8293,
149.8612, 183.6058

■ 0.0000, 0.0000,
0.2495

179.8784,

■ 0.0000, 0.0000,

186.3446, 226.4589

0.0000

220.1697,
228.3150, 275.5094

■ 24.1630, 24.6633,
33.1927

■ 24.1630, 24.6633,
33.1927

■ 20.0429, 19.7646,
32.4647

■ 28.9029, 30.2837,
34.0281

■ 16.5148, 15.5553,
31.8382

■ 34.2843, 36.6501,
34.9733

■ 13.5522, 12.0055,
31.3091

■ 40.3308, 43.7894,
36.0327

■ 11.1256, 9.0816,
30.8727

■ 47.0639, 51.7265,
37.2098

■ 9.2030, 6.7475,
30.5235

■ 54.5044, 60.4850,
38.5082

■ 7.7488, 4.9628,
30.2556

■ 62.6721, 70.0874,
39.9312

■ 6.7228, 3.6826,
30.0626

■ 71.5858, 80.5556,
41.4819

■ 6.0780, 2.8545,
29.9367

■ 81.0422, 91.7962,
43.1532

■ 5.7594, 2.4507,
29.8756

■ 82.6676, 95.0470,
43.6950

Harmonies

Analogous

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



23.0330, 24.6633, 33.4611



24.1630, 24.6633, 33.1927



25.1284, 24.6633, 31.1487

Triad

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



24.1630, 24.6633, 33.1927



24.8969, 24.6633, 22.4061



21.3662, 24.6633, 25.6939

Complementary

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



24.1630, 24.6633, 33.1927



28.3187, 30.5296, 26.9550

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.



21.8323, 24.6633, 22.9736



24.1630, 24.6633, 33.1927



23.8552, 24.6633, 21.1797

Square

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



24.1630, 24.6633, 33.1927



25.5615, 24.6633, 24.8608



22.7350, 24.6633, 21.3787



21.4425, 24.6633, 28.9513

Rectangle

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



24.1630, 24.6633, 33.1927



25.5374, 24.6633, 29.1398



22.7350, 24.6633, 21.3787



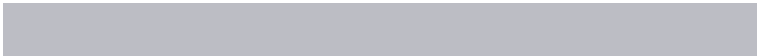
21.4640, 24.6633, 24.6912

Sweetspot

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



24.1637, 24.6643, 33.1932



49.0484, 51.1224, 59.7162



26.6299, 29.7531, 33.5328



11.0090, 11.4547, 13.5482



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.



24.1637, 24.6643, 33.1932



40.7842, 41.3174, 58.2592



25.3141, 25.0508, 33.2072



5.9107, 6.0788, 7.7908



4.8368, 2.0703, 25.0524



0.0787, 0.0438, 0.3767

Inverse Universe

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



25.8478, 25.4754, 26.4778



44.3110, 43.0241, 44.1935



27.0683, 30.1254, 26.9429



6.2220, 6.2280, 6.5494



10.9002, 5.6143, 0.7333



0.1662, 0.0852, 0.0281

Previews

White Background



This preview shows how the XYZ color 24.1630, 24.6633, 33.1927 looks on a white background.

Color Contrast Check

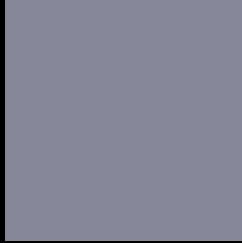
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1630, 24.6633, 33.1927 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

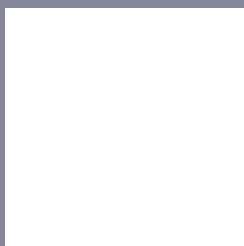
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1630, 24.6633, 33.1927

Background



This preview shows how black text looks on a background with the XYZ color 24.1630, 24.6633, 33.1927.



This preview shows how white text looks on a background with the XYZ color 24.1630, 24.6633,

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

24.1630, 24.6633, 33.1927

Protanopia

24.1630, 24.6633, 33.1927

Deuteranopia

25.1564, 24.5532, 33.5504



Tritanopia

23.7435, 24.7014, 31.1202

Trichromacy



Original Color

24.1630, 24.6633, 33.1927

Protanomaly

24.1630, 24.6633, 33.1927

Deuteranomaly

24.7848, 24.5639, 33.5720

Tritanomaly

23.9018, 24.7648, 31.9541

Monochromacy



Original Color

24.1630, 24.6633, 33.1927

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8400, 24.7956, 29.1207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1630, 24.6633, 33.1927 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(134, 135, 152)` looks like.

```
.text, #text, p{  
    color:rgb(134, 135, 152)  
}
```

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(134, 135, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 135, 152) }
```

Border

The CSS property to change the border of an element to XYZ 24.1630, 24.6633, 33.1927 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(134, 135, 152) }
```


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

```
.border{ border-color:rgb(134, 135, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 135, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 135, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 135, 152);  
box-shadow:4px 4px 4px 4px rgb(134, 135,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1630, 24.6633, 33.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 135, 152) }
```

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

```
.background{ background-color: rgb(134,  
135, 152) }
```

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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