

Converting Colors

XYZ(23.4995, 25.6746, 30.6473)

Have a look what the booklet for
XYZ(23.4995, 25.6746, 30.6473)
contains.

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Color

**XYZ(23.5378, 25.6833,
30.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	808D91
RGB	128, 141, 145
RGB Percent	50%, 55%, 57%
CMY	0.4980, 0.4470, 0.4314
CMYK	0.12, 0.03, 0.00, 0.43
HSL	194°, 7%, 54%
HSV	194°, 12%, 57%
XYZ	23.5378, 25.6833, 30.5049
YIQ	137.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

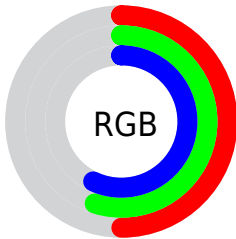
Format	Color
R_{YB}	128, 135, 145
Decimal	8424849
CIE _{Lab}	57.74, -3.84, -3.74
CIE _{LCh}	58, 5.357, 224.256
Yxy	25.6833, 0.2952, 0.3221
Android (android.graphics.Color)	4286614929 (0xFF808D91)
YUV	137.5690, 3.6635, -8.3920
Hunter-Lab	50.6787, -5.7831, -0.2132

Details

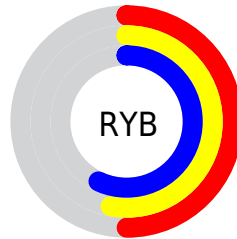
The XYZ color **23.5378, 25.6833, 30.5049** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8247, 24.0806, 23.8148**, and the grayscale version is **23.9830, 25.2320, 27.4776**.

A 20% lighter version of the original color is **48.8800, 52.9775, 61.6823**, and **9.0311, 9.9707, 12.2750** is the 20% darker color. If you saturate the color by 10%, you get **21.0159, 23.6489, 30.2455**, and if you desaturate by 10%, it is **26.3884, 27.9115, 30.7851**.

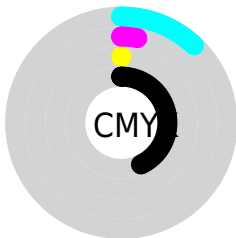
Distribution



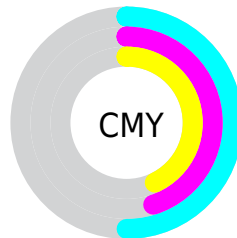
- Red (50%)
- Green (55%)
- Blue (57%)



- Red (50%)
- Yellow (53%)
- Blue (57%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (50%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5378, 25.6833, 30.5049 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 23.5378, 25.6833, 30.5049 by changing the saturation by 10% instead.

■ 23.5378, 25.6833,
30.5049

■ 23.5378, 25.6833,
30.5049

262.9594,
281.2239, 318.5311

■ 15.1140, 16.5869,
19.9668

■ 48.7351, 52.7636,
61.5301

■ 8.9863, 9.9404,
12.1871

■ 66.2393, 71.5162,
82.8544

■ 4.7893, 5.3594,
6.7471

■ 87.5010, 94.2564,
108.6112

■ 2.1576, 2.4597,
3.2284

112.8855,
121.3685, 139.2190

■ 0.7203, 0.8563,
1.2124

142.7583,
153.2369, 175.0963

■ 0.0000, 0.0000,
0.0000

177.4846,

190.2460, 216.6617

217.4299,
232.7802, 264.3338

■ 23.5378, 25.6833,
30.5049

■ 23.5378, 25.6833,
30.5049

■ 21.0159, 23.6489,
30.2455

■ 26.3884, 27.9115,
30.7851

■ 18.8071, 21.7980,
30.0047

■ 29.5780, 30.3370,
31.0852

■ 16.8980, 20.1242,
29.7822

■ 33.1191, 32.9671,
31.4062

■ 15.2732, 18.6193,
29.5774

■ 37.0230, 35.8077,
31.7488

■ 13.9159, 17.2745,
29.3894

■ 41.3005, 38.8647,
32.1134

■ 12.8074, 16.0799,
29.2172

■ 45.9617, 42.1436,
32.5006

■ 11.9267, 15.0244,
29.0599

■ 51.0166, 45.6495,
32.9109

■ 11.2487, 14.0949,
28.9162

■ 56.4748, 49.3876,
33.3447

■ 10.7846, 13.3918,
28.8050

■ 61.0450, 52.6926,
33.7418

Harmonies

Analogous

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



23.2344, 25.6833, 28.8443



23.5378, 25.6833, 30.5049



24.0778, 25.6833, 31.5069

Triad

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



23.5378, 25.6833, 30.5049



25.6186, 25.6833, 28.9349



24.1085, 25.6833, 24.6767

Complementary

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



23.5378, 25.6833, 30.5049



23.8247, 24.0806, 23.8148

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.



24.7477, 25.6833, 24.6986



23.5378, 25.6833, 30.5049



25.6271, 25.6833, 27.1033

Square

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



23.5378, 25.6833, 30.5049



25.2827, 25.6833, 30.5737



25.3060, 25.6833, 25.5697



23.5599, 25.6833, 25.5086

Rectangle

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



23.5378, 25.6833, 30.5049



24.5029, 25.6833, 31.6401



25.3060, 25.6833, 25.5697



24.3197, 25.6833, 24.5856

Sweetspot

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



23.5385, 25.6844, 30.5055



45.9989, 49.0121, 55.0094



23.1905, 26.5055, 25.7121



10.1524, 10.8407, 12.2296



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.



23.5385, 25.6844, 30.5055



40.9384, 45.0279, 54.5071



22.3371, 23.2815, 30.1050



5.4543, 5.9043, 6.8809



9.2706, 11.5272, 24.7134



0.1054, 0.1438, 0.2419

Inverse Universe

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



24.2045, 23.3817, 28.4380



42.3759, 40.1182, 50.0306



25.0202, 26.4716, 24.2133



5.5728, 5.4896, 6.5142



12.4825, 6.1500, 13.4580



0.1278, 0.0622, 0.1733

Previews

White Background



This preview shows how the XYZ color 23.5378, 25.6833, 30.5049 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 23.5378, 25.6833, 30.5049 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

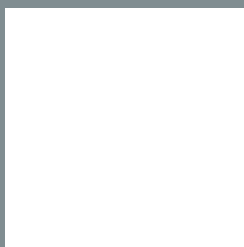
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5378, 25.6833, 30.5049

Background



This preview shows how black text looks on a background with the XYZ color 23.5378, 25.6833, 30.5049.



This preview shows how white text looks on a background with the XYZ color 23.5378, 25.6833,

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

23.5378, 25.6833, 30.5049

Protanopia

24.8616, 25.7356, 29.6437

Deuteranopia

25.9261, 25.4214, 30.7345



Tritanopia

24.0173, 25.6577, 32.9647

Trichromacy



Original Color

23.5378, 25.6833, 30.5049

Protanomaly

24.4200, 25.7131, 30.0616

Deuteranomaly

25.1185, 25.6294, 30.8172

Tritanomaly

23.8562, 25.5932, 32.1164

Monochromacy



Original Color

23.5378, 25.6833, 30.5049

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8719, 25.4567, 28.8547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5378, 25.6833, 30.5049 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, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(128, 141, 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(128, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 141, 145) }
```

Border

The CSS property to change the border of an element to XYZ 23.5378, 25.6833, 30.5049 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, 141, 145) }
```


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

```
.border{ border-color:rgb(128, 141, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 141, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(128, 141,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5378, 25.6833, 30.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 141, 145) }
```

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

```
.background{ background-color: rgb(128,  
141, 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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