

Converting Colors

XYZ(23.5022, 24.2743, 35.3450)

Have a look what the booklet for
XYZ(23.5022, 24.2743, 35.3450)
contains.

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Color

**XYZ(23.5022, 24.2743,
35.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	7F879D
RGB	127, 135, 157
RGB Percent	50%, 53%, 62%
CMY	0.5020, 0.4706, 0.3843
CMYK	0.19, 0.14, 0.00, 0.38
HSL	224°, 13%, 56%
HSV	224°, 19%, 62%
XYZ	23.5022, 24.2743, 35.3450
YIQ	135.1160, -11.8300, 5.1460

Conversions

Conversions Part 2

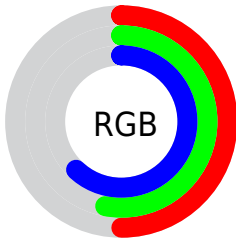
Format	Color
R_{YB}	127, 133, 157
Decimal	8357789
CIE _{Lab}	56.36, 1.93, -12.69
CIE _{LCh}	56, 12.837, 278.632
Yxy	24.2743, 0.2827, 0.2920
Android (android.graphics.Color)	4286547869 (0xFF7F879D)
YUV	135.1160, 10.7888, -7.1177
Hunter-Lab	49.2690, -1.0729, -8.0457

Details

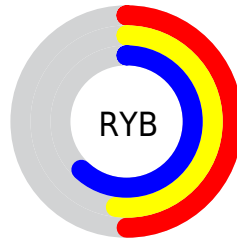
The XYZ color **23.5022, 24.2743, 35.3450** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4831, 30.1954, 24.4064**, and the grayscale version is **23.0371, 24.2369, 26.3939**.

A 20% lighter version of the original color is **48.6893, 50.4232, 69.4538**, and **8.9106, 9.1154, 14.9255** is the 20% darker color. If you saturate the color by 10%, you get **19.8234, 20.1213, 34.7377**, and if you desaturate by 10%, it is **27.7206, 28.9645, 36.0284**.

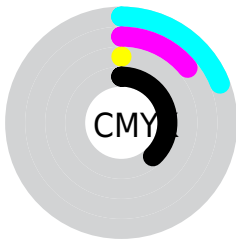
Distribution



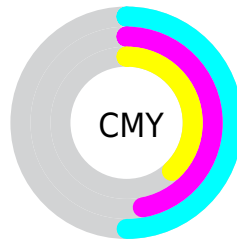
- Red (50%)
- Green (53%)
- Blue (62%)



- Red (50%)
- Yellow (52%)
- Blue (62%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5022, 24.2743, 35.3450 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 23.5022, 24.2743, 35.3450 by changing the saturation by 10% instead.

■ 23.5022, 24.2743,
35.3450

■ 23.5022, 24.2743,
35.3450

262.7814,
274.2043, 341.0389

■ 15.0875, 15.5372,
23.6431

■ 48.6772, 50.4774,
69.1775

■ 8.9675, 9.1973,
14.8593

■ 66.1683, 68.7123,
92.1452

■ 4.7770, 4.8701,
8.5752

■ 87.4155, 90.8819,
119.7052

■ 2.1504, 2.1712,
4.3721

112.7842,
117.3706, 152.2760

■ 0.7164, 0.7042,
1.8316

142.6398,
148.5628, 190.2763

■ 0.0000, 0.0000,
0.4487

177.3477,

■ 0.0000, 0.0000,

184.8429, 234.1245

0.0000

217.2731,
226.5952, 284.2392

■ 23.5022, 24.2743,
35.3450

■ 23.5022, 24.2743,
35.3450

■ 19.8234, 20.1213,
34.7377

■ 27.7206, 28.9645,
36.0284

■ 16.6596, 16.4830,
34.2022

■ 32.4974, 34.2077,
36.7886

■ 13.9877, 13.3393,
33.7362

■ 37.8530, 40.0224,
37.6287

■ 11.7818, 10.6679,
33.3368

■ 43.8065, 46.4257,
38.5509

■ 10.0133, 8.4445,
33.0009

■ 50.3758, 53.4336,
39.5573

■ 8.6507, 6.6423,
32.7248

■ 57.5780, 61.0617,
40.6501

■ 7.6574, 5.2315,
32.5049

■ 65.4298, 69.3249,
41.8312

■ 6.9637, 4.1640,
32.3354

■ 73.9470, 78.2379,
43.1027

■ 6.9094, 4.0814,
32.3223

■ 78.0804, 85.2035,
44.2293

Harmonies

Analogous

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



22.0495, 24.2743, 34.7795



23.5022, 24.2743, 35.3450



24.8966, 24.2743, 33.3297

Triad

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



23.5022, 24.2743, 35.3450



25.3696, 24.2743, 21.6573



20.5195, 24.2743, 23.5681

Complementary

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



23.5022, 24.2743, 35.3450



28.4831, 30.1954, 24.4064

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.



21.3388, 24.2743, 20.5559



23.5022, 24.2743, 35.3450



24.1256, 24.2743, 19.5377

Square

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



23.5022, 24.2743, 35.3450



26.0046, 24.2743, 25.2249



22.6471, 24.2743, 19.1572



20.3686, 24.2743, 27.6741

Rectangle

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



23.5022, 24.2743, 35.3450



25.5908, 24.2743, 30.9088



22.6471, 24.2743, 19.1572



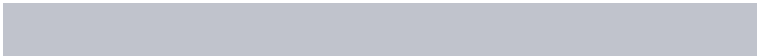
20.7241, 24.2743, 22.4072

Sweetspot

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



23.5029, 24.2753, 35.3455



52.0972, 54.5760, 64.9151



26.1949, 30.7804, 32.7860



11.3560, 11.8906, 14.2670



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.5029, 24.2753, 35.3455



39.1181, 40.1333, 62.8115



23.4278, 22.6411, 35.0341



6.4215, 6.7088, 8.3632



5.6387, 3.3689, 26.2603



0.1327, 0.1239, 0.4802

Inverse Universe

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



25.8678, 24.0968, 26.2105



44.1897, 39.8653, 43.1949



28.5581, 32.1783, 24.7852



6.7021, 6.6738, 7.2824



11.6443, 5.9623, 2.3782



0.2243, 0.1130, 0.1272

Previews

White Background



This preview shows how the XYZ color 23.5022, 24.2743, 35.3450 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 23.5022, 24.2743, 35.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

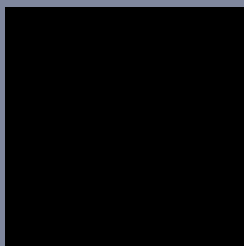
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

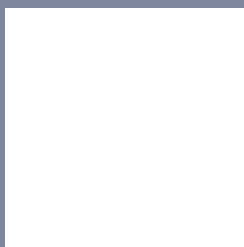
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5022, 24.2743, 35.3450

Background



This preview shows how black text looks on a background with the XYZ color 23.5022, 24.2743, 35.3450.



This preview shows how white text looks on a background with the XYZ color 23.5022, 24.2743,

35.3450.

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

23.5022, 24.2743, 35.3450

Protanopia

23.8859, 24.2758, 34.8793

Deuteranopia

24.7393, 24.2895, 35.7322



Tritanopia

22.6696, 24.3579, 31.1105

Trichromacy



Original Color

23.5022, 24.2743, 35.3450

Protanomaly

23.7318, 24.1963, 34.8720

Deuteranomaly

24.2320, 24.2302, 35.7475

Tritanomaly

22.9943, 24.2783, 32.7524

Monochromacy



Original Color

23.5022, 24.2743, 35.3450

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1376, 24.2166, 29.4414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5022, 24.2743, 35.3450 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(127, 135, 157)` looks like.

```
.text, #text, p{  
    color:rgb(127, 135, 157)  
}
```

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(127, 135, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 135, 157) }
```

Border

The CSS property to change the border of an element to XYZ 23.5022, 24.2743, 35.3450 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(127, 135, 157) }
```


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

```
.border{ border-color:rgb(127, 135, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 135, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 135, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 135, 157);  
box-shadow:4px 4px 4px 4px rgb(127, 135,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5022, 24.2743, 35.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 135, 157) }
```

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

```
.background{ background-color: rgb(127,  
135, 157) }
```

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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