

Converting Colors

XYZ(23.2933, 23.7803, 25.7122)

Have a look what the booklet for
XYZ(23.2933, 23.7803, 25.7122)
contains.

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Color

**XYZ(23.3001, 23.7714,
25.5506)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8485
RGB	140, 132, 133
RGB Percent	55%, 52%, 52%
CMY	0.4510, 0.4823, 0.4784
CMYK	0.00, 0.06, 0.05, 0.45
HSL	353°, 3%, 53%
HSV	353°, 6%, 55%
XYZ	23.3001, 23.7714, 25.5506
YIQ	134.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

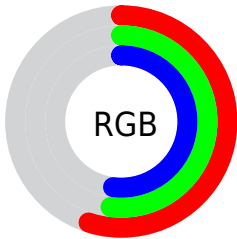
Format	Color
R_{YB}	140, 132, 133
Decimal	9208965
CIE Lab	55.86, 3.19, 0.53
CIE LCh	56, 3.238, 9.470
Yxy	23.7714, 0.3208, 0.3273
Android (android.graphics.Color)	4287399045 (0xFF8C8485)
YUV	134.5060, -0.7425, 4.8182
Hunter-Lab	48.7559, -0.0190, 3.0582

Details

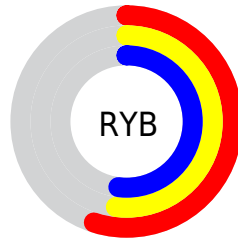
The XYZ color **23.3001, 23.7714, 25.5506** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5549, 25.5264, 28.1129**, and the grayscale version is **22.8484, 24.0383, 26.1777**.

A 20% lighter version of the original color is **48.4600, 49.7124, 53.4957**, and **8.9099, 9.0003, 9.6551** is the 20% darker color. If you saturate the color by 10%, you get **20.7299, 19.9074, 20.7580**, and if you desaturate by 10%, it is **26.2253, 28.1865, 30.9494**.

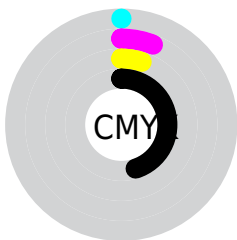
Distribution



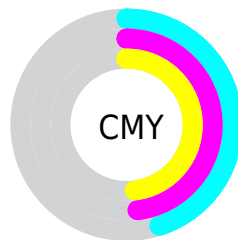
- Red (55%)
- Green (52%)
- Blue (52%)



- Red (55%)
- Yellow (52%)
- Blue (52%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3001, 23.7714, 25.5506 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 23.3001, 23.7714, 25.5506 by changing the saturation by 10% instead.

■ 23.3001, 23.7714,
25.5506

■ 23.3001, 23.7714,
25.5506

261.7693,
271.6627, 294.1039

■ 14.9372, 15.1641,
16.2650

■ 48.3487, 49.6569,
53.5242

■ 8.8613, 8.9347,
9.5555

■ 65.7650, 67.7039,
73.0493

■ 4.7072, 4.6986,
5.0035

■ 86.9299, 89.6663,
96.8246

■ 2.1095, 2.0715,
2.1905

112.2086,
115.9285, 125.2688

■ 0.6944, 0.6485,
0.6689

141.9665,
146.8748, 158.8002

■ 0.0000, 0.0000,
0.0000

176.5691,

182.8897, 197.8375

216.3815,
224.3575, 242.7993

■ 23.3001, 23.7714,
25.5506

■ 23.3001, 23.7714,
25.5506

■ 20.7299, 19.9074,
20.7580

■ 26.2253, 28.1865,
30.9494

■ 18.4991, 16.5700,
16.5488

■ 29.5161, 33.1701,
36.9731

■ 16.5942, 13.7373,
12.9013

■ 33.1853, 38.7423,
43.6412

■ 14.9997, 11.3847,
9.7916

■ 37.2445, 44.9216,
50.9721

■ 13.6991, 9.4855,
7.1941

■ 41.7046, 51.7255,
58.9836

■ 12.6743, 8.0104,
5.0813

■ 46.5764, 59.1709,
67.6924

■ 11.9051, 6.9268,
3.4228

■ 51.8700, 67.2740,
77.1150

■ 11.3685, 6.1971,
2.1849

■ 57.5953, 76.0505,
87.2673

■ 11.0323, 5.7666,
1.3275

■ 62.7959, 83.5837,
97.8425

Harmonies

Analogous

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



23.2640, 23.7714, 26.6012



23.3001, 23.7714, 25.5506



23.1454, 23.7714, 24.6145

Triad

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



23.3001, 23.7714, 25.5506



22.1466, 23.7714, 24.3480



22.3464, 23.7714, 27.8302

Complementary

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



23.3001, 23.7714, 25.5506



23.5549, 25.5264, 28.1129

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.



22.0515, 23.7714, 27.1944



23.3001, 23.7714, 25.5506



21.9370, 23.7714, 25.1779

Square

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



23.3001, 23.7714, 25.5506



22.4776, 23.7714, 23.9327



21.9023, 23.7714, 26.2183



22.7108, 23.7714, 27.9366

Rectangle

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



23.3001, 23.7714, 25.5506



22.9558, 23.7714, 24.1742



21.9023, 23.7714, 26.2183



22.2360, 23.7714, 27.6705

Sweetspot

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



23.3008, 23.7724, 25.5511



42.8987, 44.6534, 48.4147



23.6219, 23.8802, 28.1756



9.9005, 10.3128, 11.1847



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.3008, 23.7724, 25.5511



40.3917, 40.8750, 43.7699



23.6354, 24.5516, 25.3242



5.1664, 5.2232, 5.5907



9.7074, 4.9931, 0.9638



0.0673, 0.0343, 0.0213

Inverse Universe

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



23.3008, 23.7724, 25.5511



40.3917, 40.8750, 43.7699



23.2053, 24.7100, 28.3577



5.1664, 5.2232, 5.5907



9.7074, 4.9931, 0.9638



0.0673, 0.0343, 0.0213

Previews

White Background



This preview shows how the XYZ color 23.3001, 23.7714, 25.5506 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 23.3001, 23.7714, 25.5506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

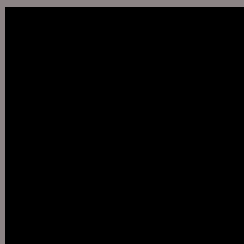
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

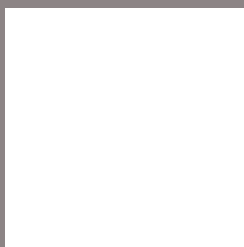
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3001, 23.7714, 25.5506

Background



This preview shows how black text looks on a background with the XYZ color 23.3001, 23.7714, 25.5506.



This preview shows how white text looks on a background with the XYZ color 23.3001, 23.7714,

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

23.3001, 23.7714, 25.5506

Protanopia

22.8439, 23.7305, 25.9307

Deuteranopia

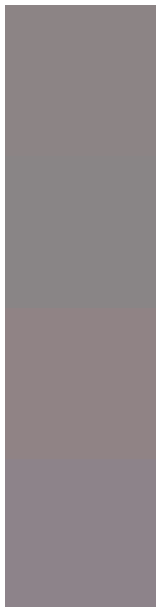
24.2489, 23.8618, 25.5180



Tritanopia

23.9085, 23.8184, 28.5366

Trichromacy



Original Color

23.3001, 23.7714, 25.5506

Protanomaly

23.0071, 23.8147, 25.9383

Deuteranomaly

23.8515, 23.8553, 25.5377

Tritanomaly

23.6883, 23.7303, 27.3767

Monochromacy



Original Color

23.3001, 23.7714, 25.5506

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1447, 24.0898, 25.9842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3001, 23.7714, 25.5506 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(140, 132, 133) looks like.

```
.text, #text, p{  
    color:rgb(140, 132, 133)  
}
```

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(140, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 132, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.3001, 23.7714, 25.5506 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(140, 132, 133) }
```


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

```
.border{ border-color:rgb(140, 132, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 132, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(140, 132,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3001, 23.7714, 25.5506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 132, 133) }
```

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

```
.background{ background-color: rgb(140,  
132, 133) }
```

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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