

Converting Colors

XYZ(23.1689, 25.2651, 25.8575)

Have a look what the booklet for
XYZ(23.1689, 25.2651, 25.8575)
contains.

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Color

**XYZ(23.1391, 25.1452,
25.8243)**

Conversions

Conversions Part 1

Format	Color
Hex	858B85
RGB	133, 139, 133
RGB Percent	52%, 55%, 52%
CMY	0.4784, 0.4549, 0.4784
CMYK	0.04, 0.00, 0.04, 0.45
HSL	120°, 3%, 53%
HSV	120°, 4%, 55%
XYZ	23.1391, 25.1452, 25.8243
YIQ	136.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

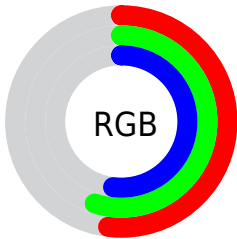
Format	Color
R_{YB}	133, 139, 139
Decimal	8752005
CIE Lab	57.22, -3.38, 2.44
CIE LCh	57, 4.170, 144.255
Yxy	25.1452, 0.3122, 0.3393
Android (android.graphics.Color)	4286942085 (0xFF858B85)
YUV	136.5220, -1.7363, -3.0888
Hunter-Lab	50.1450, -5.3860, 4.5676

Details

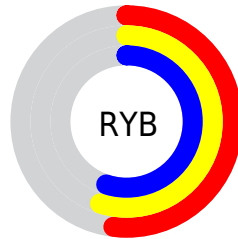
The XYZ color **23.1391, 25.1452, 25.8243** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6961, 24.1287, 27.8356**, and the grayscale version is **23.6050, 24.8343, 27.0445**.

A 20% lighter version of the original color is **47.9623, 51.6835, 53.9024**, and **8.8288, 9.6697, 9.7886** is the 20% darker color. If you saturate the color by 10%, you get **20.1905, 23.7296, 21.0009**, and if you desaturate by 10%, it is **26.5067, 26.7636, 31.3317**.

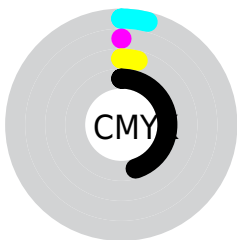
Distribution



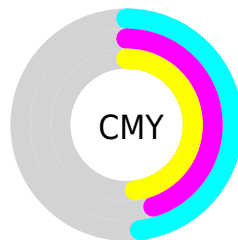
- Red (52%)
- Green (55%)
- Blue (52%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1391, 25.1452, 25.8243 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 23.1391, 25.1452, 25.8243 by changing the saturation by 10% instead.

■ 23.1391, 25.1452,
25.8243

■ 23.1391, 25.1452,
25.8243

260.9606,
278.5603, 295.4965

■ 14.8175, 16.1853,
16.4677

■ 48.0866, 51.8927,
53.9720

■ 8.7769, 9.6553,
9.6978

■ 65.4432, 70.4490,
73.6001

■ 4.6519, 5.1710,
5.0960

■ 86.5423, 92.9729,
97.4891

■ 2.0771, 2.3480,
2.2440

111.7490,
119.8489, 126.0575

■ 0.6767, 0.7989,
0.6996

141.4289,
151.4612, 159.7239

■ 0.0000, 0.0000,
0.0000

175.9472,

188.1942, 198.9069

215.6693,
230.4325, 244.0249

■ 23.1391, 25.1452,
25.8243

■ 23.1391, 25.1452,
25.8243

■ 20.1905, 23.7296,
21.0009

■ 26.5067, 26.7636,
31.3317

■ 17.6425, 22.5057,
16.8333

■ 30.3065, 28.5888,
37.5467

■ 15.4785, 21.4662,
13.2937

■ 34.5538, 30.6290,
44.4937

■ 13.6798, 20.6022,
10.3517

■ 39.2626, 32.8909,
52.1955

■ 12.2264, 19.9040,
7.9743

■ 44.4462, 35.3809,
60.6737

■ 11.0960, 19.3610,
6.1253

■ 50.1173, 38.1050,
69.9494

■ 10.2641, 18.9614,
4.7645

■ 56.2883, 41.0693,
80.0425

■ 9.7025, 18.6916,
3.8457

■ 62.9710, 44.2793,
90.9726

■ 9.3753, 18.5345,
3.3104

■ 68.5231, 46.9462,
100.0577

Harmonies

Analogous

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



23.5127, 25.1452, 24.9790



23.1391, 25.1452, 25.8243



22.9695, 25.1452, 27.1081

Triad

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



23.1391, 25.1452, 25.8243



23.8051, 25.1452, 30.1680



24.7739, 25.1452, 26.2794

Complementary

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



23.1391, 25.1452, 25.8243



23.6961, 24.1287, 27.8356

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.



24.8548, 25.1452, 27.6513



23.1391, 25.1452, 25.8243



24.2910, 25.1452, 29.9277

Square

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



23.1391, 25.1452, 25.8243



23.3506, 25.1452, 29.6404



24.6769, 25.1452, 28.9946



24.4575, 25.1452, 25.2354

Rectangle

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



23.1391, 25.1452, 25.8243



22.9933, 25.1452, 28.0523



24.6769, 25.1452, 28.9946



24.8297, 25.1452, 26.7162

Sweetspot

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



23.1398, 25.1463, 25.8248



43.3408, 45.9447, 49.3589



24.1148, 25.6489, 25.8703



9.9958, 10.5911, 11.3883



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.



23.1398, 25.1463, 25.8248



40.9930, 44.8169, 45.5187



23.3502, 25.2304, 26.9326



5.2263, 5.7305, 5.7891



8.3329, 16.6658, 2.7779



0.0554, 0.1107, 0.0185

Inverse Universe

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



23.6961, 24.1287, 27.8356



42.1654, 42.6721, 49.7569



23.4797, 24.0422, 26.6964



5.3873, 5.4359, 6.3711



13.8153, 6.6362, 22.5955



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 23.1391, 25.1452, 25.8243 looks on a white background.

Color Contrast Check

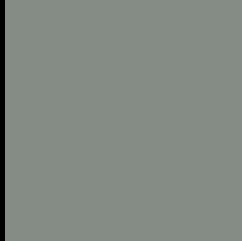
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1391, 25.1452, 25.8243 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

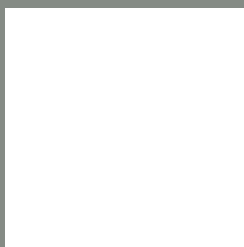
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1391, 25.1452, 25.8243

Background



This preview shows how black text looks on a background with the XYZ color 23.1391, 25.1452, 25.8243.



This preview shows how white text looks on a background with the XYZ color 23.1391, 25.1452,

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

23.1391, 25.1452, 25.8243

Protanopia

24.0950, 25.2200, 25.4278

Deuteranopia

25.6395, 25.1717, 26.0615



Tritanopia

24.2826, 25.1803, 31.5974

Trichromacy



Original Color

23.1391, 25.1452, 25.8243

Protanomaly

23.7346, 25.2462, 25.4518

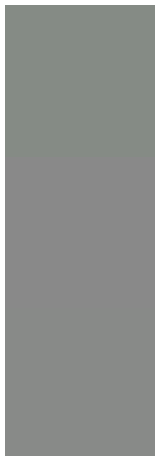
Deuteranomaly

24.6441, 25.0689, 26.0942

Tritanomaly

23.8779, 25.2285, 29.5977

Monochromacy



Original Color

23.1391, 25.1452, 25.8243

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6858, 25.1888, 26.9061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1391, 25.1452, 25.8243 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(133, 139, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 139, 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(133, 139, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 139, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.1391, 25.1452, 25.8243 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(133, 139, 133) }
```


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

```
.border{ border-color:rgb(133, 139, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 139, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 139, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 139, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 139,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1391, 25.1452, 25.8243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 139, 133) }
```

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

```
.background{ background-color: rgb(133,  
139, 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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