

Converting Colors

XYZ(23.1694, 25.3776, 28.2959)

Have a look what the booklet for
XYZ(23.1694, 25.3776, 28.2959)
contains.

XYZ(23.1650, 25.3167, 28.4766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.1650, 25.3167,
28.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	818C8C
RGB	129, 140, 140
RGB Percent	51%, 55%, 55%
CMY	0.4941, 0.4510, 0.4510
CMYK	0.08, 0.00, 0.00, 0.45
HSL	180°, 5%, 53%
HSV	180°, 8%, 55%
XYZ	23.1650, 25.3167, 28.4766
YIQ	136.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

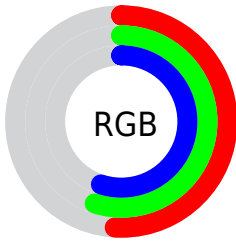
Format	Color
R_{YB}	129, 135, 140
Decimal	8490124
CIE _{Lab}	57.38, -3.98, -1.38
CIE _{LCh}	57, 4.216, 199.091
Yxy	25.3167, 0.3010, 0.3290
Android (android.graphics.Color)	4286680204 (0xFF818C8C)
YUV	136.7110, 1.6215, -6.7625
Hunter-Lab	50.3157, -5.8723, 1.6653

Details

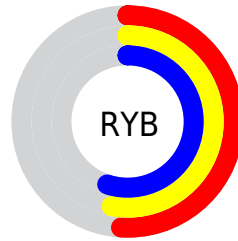
The XYZ color **23.1650, 25.3167, 28.4766** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6289, 22.8617, 23.9903**, and the grayscale version is **23.6652, 24.8977, 27.1136**.

A 20% lighter version of the original color is **48.2088, 52.3789, 58.0213**, and **8.8099, 9.7560, 11.0916** is the 20% darker color. If you saturate the color by 10%, you get **21.1824, 24.2954, 28.3834**, and if you desaturate by 10%, it is **25.4404, 26.4904, 28.5846**.

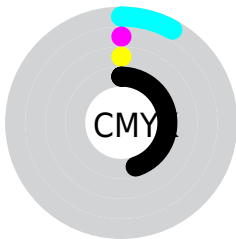
Distribution



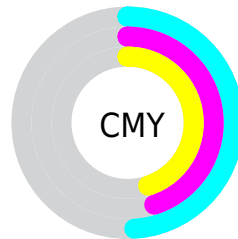
- Red (51%)
- Green (55%)
- Blue (55%)



- Red (51%)
- Yellow (53%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1650, 25.3167, 28.4766 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 23.1650, 25.3167, 28.4766 by changing the saturation by 10% instead.

■ 23.1650, 25.3167,
28.4766

■ 23.1650, 25.3167,
28.4766

261.0909,
279.4115, 308.7206

■ 14.8368, 16.3132,
18.4431

■ 48.1288, 52.1705,
58.2767

■ 8.7905, 9.7460,
11.0958

■ 65.4950, 70.7896,
78.8803

■ 4.6608, 5.2309,
6.0163

■ 86.6046, 93.3827,
103.8444

■ 2.0823, 2.3834,
2.7861

111.8230,
120.3341, 133.5875

■ 0.6796, 0.8173,
0.9865

141.5155,
152.0283, 168.5281

■ 0.0000, 0.0000,
0.0000

176.0473,

188.8497, 209.0848

215.7840,
231.1826, 255.6762

■ 23.1650, 25.3167,
28.4766

■ 23.1650, 25.3167,
28.4766

■ 21.1824, 24.2954,
28.3834

■ 25.4404, 26.4904,
28.5846

■ 19.4788, 23.4171,
28.3026

■ 28.0177, 27.8190,
28.7062

■ 18.0422, 22.6766,
28.2344

■ 30.9079, 29.3090,
28.8425

■ 16.8591, 22.0667,
28.1781

■ 34.1212, 30.9655,
28.9938

■ 15.9149, 21.5799,
28.1329

■ 37.6672, 32.7934,
29.1608

■ 15.1933, 21.2079,
28.0981

■ 41.5549, 34.7976,
29.3437

■ 14.6759, 20.9413,
28.0729

■ 45.7933, 36.9825,
29.5430

■ 14.3418, 20.7691,
28.0563

■ 50.3907, 39.3526,
29.7592

■ 14.1480, 20.6692,
28.0462

■ 55.3539, 41.9112,
29.9925

Harmonies

Analogous

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



23.1304, 25.3167, 27.0474



23.1650, 25.3167, 28.4766



23.4382, 25.3167, 29.7008

Triad

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



23.1650, 25.3167, 28.4766



24.7972, 25.3167, 29.4096



24.2453, 25.3167, 24.9476

Complementary

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



23.1650, 25.3167, 28.4766



22.6289, 22.8617, 23.9903

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.



24.6983, 25.3167, 25.5353



23.1650, 25.3167, 28.4766



25.0199, 25.3167, 28.0903

Square

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



23.1650, 25.3167, 28.4766



24.3788, 25.3167, 30.2522



24.9834, 25.3167, 26.6742



23.7495, 25.3167, 25.0429

Rectangle

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



23.1650, 25.3167, 28.4766



23.7210, 25.3167, 30.2204



24.9834, 25.3167, 26.6742



24.4078, 25.3167, 25.0710

Sweetspot

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



23.1657, 25.3178, 28.4772



43.1089, 45.8039, 50.3116



22.4225, 25.0237, 24.4177



9.9458, 10.5607, 11.5936



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.



23.1657, 25.3178, 28.4772



40.3456, 44.3793, 50.1810



22.4075, 23.8012, 28.2252



5.1728, 5.6886, 6.4310



12.5372, 18.3475, 24.9175



0.0833, 0.1219, 0.1656

Inverse Universe

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



22.6289, 22.8617, 23.9903



39.2484, 39.3598, 41.0108



23.3475, 24.2992, 24.2291



5.0329, 5.0486, 5.2618



9.6100, 4.9541, 0.4504



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 23.1650, 25.3167, 28.4766 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 23.1650, 25.3167, 28.4766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

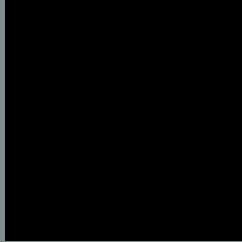
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

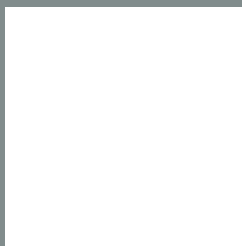
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1650, 25.3167, 28.4766

Background



This preview shows how black text looks on a background with the XYZ color 23.1650, 25.3167, 28.4766.



This preview shows how white text looks on a background with the XYZ color 23.1650, 25.3167,

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

23.1650, 25.3167, 28.4766

Protanopia

24.3483, 25.3017, 27.6452

Deuteranopia

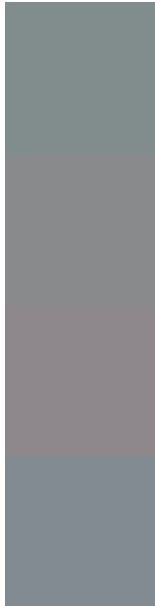
25.5897, 25.0877, 28.6930



Tritanopia

24.0977, 25.4925, 32.5046

Trichromacy



Original Color

23.1650, 25.3167, 28.4766

Protanomaly

23.9020, 25.2753, 28.0449

Deuteranomaly

24.7672, 25.2822, 28.7739

Tritanomaly

23.6268, 25.2864, 30.8296

Monochromacy



Original Color

23.1650, 25.3167, 28.4766

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5074, 25.0803, 27.6468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1650, 25.3167, 28.4766 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(129, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(129, 140, 140)  
}
```

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(129, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.1650, 25.3167, 28.4766 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(129, 140, 140) }
```


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

```
.border{ border-color:rgb(129, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(129, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1650, 25.3167, 28.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 140, 140) }
```

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

```
.background{ background-color: rgb(129,  
140, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor