

Converting Colors

XYZ(23.7118, 24.2111, 26.6659)

Have a look what the booklet for
XYZ(23.7118, 24.2111, 26.6659)
contains.

XYZ(23.6467, 24.1281, 26.7034)	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(23.6467, 24.1281,
26.7034)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8588
RGB	140, 133, 136
RGB Percent	55%, 52%, 53%
CMY	0.4510, 0.4784, 0.4667
CMYK	0.00, 0.05, 0.03, 0.45
HSL	334°, 3%, 54%
HSV	334°, 5%, 55%
XYZ	23.6467, 24.1281, 26.7034
YIQ	135.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

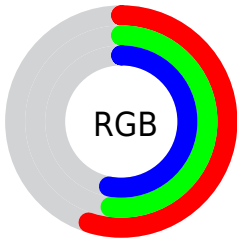
Format	Color
R_{YB}	140, 133, 136
Decimal	9209224
CIE Lab	56.22, 3.20, -0.68
CIE LCh	56, 3.267, 348.010
Yxy	24.1281, 0.3175, 0.3240
Android (android.graphics.Color)	4287399304 (0xFF8C8588)
YUV	135.4350, 0.2785, 4.0035
Hunter-Lab	49.1204, -0.0302, 2.1523

Details

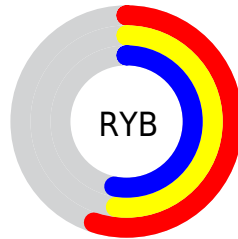
The XYZ color **23.6467, 24.1281, 26.7034** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5673, 25.5495, 27.3577**, and the grayscale version is **23.1895, 24.3972, 26.5685**.

A 20% lighter version of the original color is **48.9923, 50.2613, 55.2633**, and **9.0665, 9.1862, 10.0994** is the 20% darker color. If you saturate the color by 10%, you get **21.3087, 20.3284, 23.2220**, and if you desaturate by 10%, it is **26.2840, 28.4578, 30.4948**.

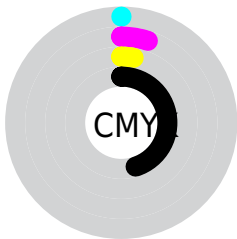
Distribution



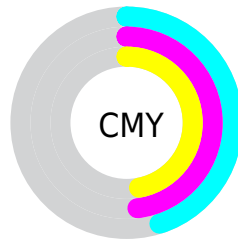
- Red (55%)
- Green (52%)
- Blue (53%)



- Red (55%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6467, 24.1281, 26.7034 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 23.6467, 24.1281, 26.7034 by changing the saturation by 10% instead.

■ 23.6467, 24.1281,
26.7034

■ 23.6467, 24.1281,
26.7034

263.5032,
273.4675, 299.9328

■ 15.1951, 15.4287,
17.1201

■ 48.9119, 50.2392,
55.4055

■ 9.0436, 9.1208,
10.1573

■ 66.4562, 68.4196,
75.3614

■ 4.8270, 4.8201,
5.3964

■ 87.7621, 90.5291,
99.6119

■ 2.1798, 2.1421,
2.4189

113.1950,
116.9522, 128.5756

■ 0.7321, 0.6881,
0.7967

143.1202,
148.0732, 162.6710

■ 0.0000, 0.0000,
0.0000

177.9030,

184.2764, 202.3166

217.9089,
225.9464, 247.9310

■ 23.6467, 24.1281,
26.7034

■ 23.6467, 24.1281,
26.7034

■ 21.3087, 20.3284,
23.2220

■ 26.2840, 28.4578,
30.4948

■ 19.2571, 17.0353,
20.0408

■ 29.2290, 33.3338,
34.6023

■ 17.4809, 14.2279,
17.1517

■ 32.4921, 38.7754,
39.0343

■ 15.9676, 11.8830,
14.5457

■ 36.0829, 44.8000,
43.7978

■ 14.7037, 9.9751,
12.2132

■ 40.0104, 51.4245,
48.9000

■ 13.6745, 8.4767,
10.1441

■ 44.2831, 58.6649,
54.3476

■ 12.8637, 7.3566,
8.3274

■ 48.9094, 66.5365,
60.1473

■ 12.2525, 6.5795,
6.7510

■ 53.8974, 75.0543,
66.3056

■ 11.8160, 6.0974,
5.4006

■ 57.9641, 81.6510,
72.3983

Harmonies

Analogous

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



23.4740, 24.1281, 27.6794



23.6467, 24.1281, 26.7034



23.6267, 24.1281, 25.6371

Triad

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



23.6467, 24.1281, 26.7034



22.7105, 24.1281, 24.3532



22.4533, 24.1281, 27.8388

Complementary

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



23.6467, 24.1281, 26.7034



23.5673, 25.5495, 27.3577

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.



22.2531, 24.1281, 26.9160



23.6467, 24.1281, 26.7034



22.4005, 24.1281, 24.9119

Square

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



23.6467, 24.1281, 26.7034



23.0834, 24.1281, 24.2998



22.2339, 24.1281, 25.8441



22.7833, 24.1281, 28.3468

Rectangle

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



23.6467, 24.1281, 26.7034



23.5067, 24.1281, 25.0183



22.2339, 24.1281, 25.8441



22.3687, 24.1281, 27.5657

Sweetspot

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



23.6474, 24.1291, 26.7039



43.4757, 45.4620, 49.6717



23.4331, 23.9852, 28.2059



10.0249, 10.4871, 11.4557



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.



23.6474, 24.1291, 26.7039



41.1998, 41.7383, 46.3600



23.5013, 24.1731, 25.6188



5.2649, 5.3244, 5.9192



10.3434, 5.2475, 4.3125



0.0758, 0.0377, 0.0660

Inverse Universe

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



23.6474, 24.1291, 26.7039



41.1998, 41.7383, 46.3600



23.7173, 25.5007, 28.4834



5.2649, 5.3244, 5.9192



10.3434, 5.2475, 4.3125



0.0758, 0.0377, 0.0660

Previews

White Background



This preview shows how the XYZ color 23.6467, 24.1281, 26.7034 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 23.6467, 24.1281, 26.7034 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

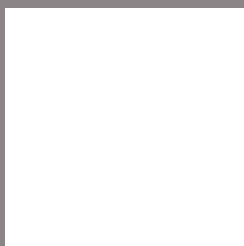
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6467, 24.1281, 26.7034

Background



This preview shows how black text looks on a background with the XYZ color 23.6467, 24.1281, 26.7034.



This preview shows how white text looks on a background with the XYZ color 23.6467, 24.1281,

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

23.6467, 24.1281, 26.7034

Protanopia

23.3570, 24.1747, 27.1020

Deuteranopia

24.5929, 24.2132, 26.6700



Tritanopia

24.1183, 24.1182, 28.9753

Trichromacy

**Original Color**

23.6467, 24.1281, 26.7034

Protanomaly

23.5217, 24.2596, 27.1098

Deuteranomaly

24.1968, 24.2094, 26.6901

Tritanomaly

23.9694, 24.0587, 28.1914

Monochromacy

**Original Color**

23.6467, 24.1281, 26.7034

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2148, 24.1178, 26.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6467, 24.1281, 26.7034 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, 133, 136) looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 136)  
}
```

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, 133, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.6467, 24.1281, 26.7034 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, 133, 136) }
```


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

```
.border{ border-color:rgb(140, 133, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 133, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6467, 24.1281, 26.7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 136) }
```

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

```
.background{ background-color: rgb(140,  
133, 136) }
```

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