

Converting Colors

XYZ(23.3202, 26.5041, 20.9757)

Have a look what the booklet for
XYZ(23.3202, 26.5041, 20.9757)
contains.

XYZ(23.2349, 26.4054, 21.0117)	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(23.2349, 26.4054,
21.0117)**

Conversions

Conversions Part 1

Format	Color
Hex	879076
RGB	135, 144, 118
RGB Percent	53%, 56%, 46%
CMY	0.4706, 0.4353, 0.5372
CMYK	0.06, 0.00, 0.18, 0.44
HSL	81°, 10%, 51%
HSV	81°, 18%, 56%
XYZ	23.2349, 26.4054, 21.0117
YIQ	138.3450, 2.9820, -9.9940

Conversions

Conversions Part 2

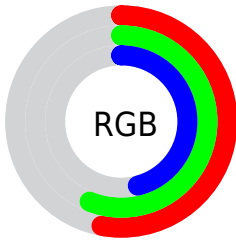
Format	Color
R_{YB}	118, 144, 127
Decimal	8884342
CIE _{Lab}	58.42, -8.14, 12.74
CIE _{LCh}	58, 15.115, 122.587
Yxy	26.4054, 0.3289, 0.3737
Android (android.graphics.Color)	4287074422 (0xFF879076)
YUV	138.3450, -10.0301, -2.9336
Hunter-Lab	51.3862, -9.2148, 11.7268

Details

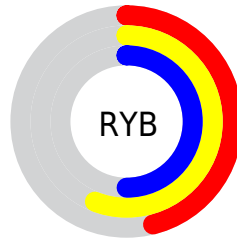
The XYZ color **23.2349, 26.4054, 21.0117** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2660, 19.4833, 29.0795**, and the grayscale version is **24.3262, 25.5930, 27.8708**.

A 20% lighter version of the original color is **48.1888, 53.9818, 45.9099**, and **8.8545, 10.3789, 7.3310** is the 20% darker color. If you saturate the color by 10%, you get **21.6603, 25.6859, 16.8069**, and if you desaturate by 10%, it is **24.9791, 27.1988, 25.9075**.

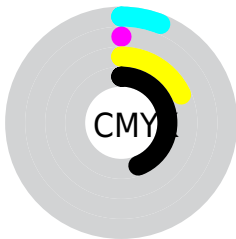
Distribution



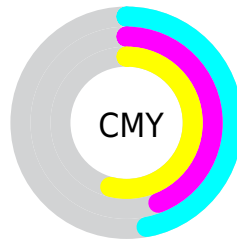
- Red (53%)
- Green (56%)
- Blue (46%)



- Red (46%)
- Yellow (56%)
- Blue (50%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2349, 26.4054, 21.0117 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 23.2349, 26.4054, 21.0117 by changing the saturation by 10% instead.

■ 23.2349, 26.4054,
21.0117

■ 23.2349, 26.4054,
21.0117

261.4421,
284.7665, 270.1238

■ 14.8887, 17.1272,
12.9412

■ 48.2426, 53.9282,
45.9880

■ 8.8271, 10.3252,
7.2578

■ 65.6347, 72.9416,
63.7310

■ 4.6848, 5.6151,
3.5430

■ 86.7730, 95.9689,
85.5352

■ 2.0964, 2.6125,
1.3781

112.0226,
123.3943, 111.8192

■ 0.6872, 0.9329,
0.1246

141.7489,
155.6025, 143.0015

■ 0.0000, 0.0000,
0.0000

176.3174,

192.9776, 179.5007

216.0933,
235.9041, 221.7352

■ 23.2349, 26.4054,
21.0117

■ 23.2349, 26.4054,
21.0117

■ 21.6603, 25.6859,
16.8069

■ 24.9791, 27.1988,
25.9075

■ 20.2469, 25.0343,
13.2604

■ 26.8969, 28.0652,
31.5219

■ 18.9885, 24.4489,
10.3391

■ 28.9948, 29.0081,
37.8828

■ 17.8776, 23.9267,
8.0067

■ 31.2780, 30.0296,
45.0163

■ 16.9060, 23.4643,
6.2227

■ 33.7518, 31.1319,
52.9471

■ 16.0646, 23.0580,
4.9421

■ 36.4212, 32.3171,
61.6990

■ 15.3428, 22.7036,
4.1121

■ 39.2908, 33.5870,
71.2946

■ 14.7200, 22.3926,
3.6267

■ 42.3654, 34.9436,
81.7557

■ 14.6045, 22.3348,
3.5413

■ 45.6492, 36.3888,
93.1033

Harmonies

Analogous

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



24.9378, 26.4054, 19.7486



23.2349, 26.4054, 21.0117



22.0781, 26.4054, 24.3222

Triad

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



23.2349, 26.4054, 21.0117



23.4993, 26.4054, 38.7465



28.8111, 26.4054, 28.2948

Complementary

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



23.2349, 26.4054, 21.0117



20.2660, 19.4833, 29.0795

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.



28.3804, 26.4054, 33.6871



23.2349, 26.4054, 21.0117



25.2580, 26.4054, 40.1423

Square

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



23.2349, 26.4054, 21.0117



22.2254, 26.4054, 34.5777



27.0572, 26.4054, 38.1897



28.2070, 26.4054, 23.6187

Rectangle

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



23.2349, 26.4054, 21.0117



21.7413, 26.4054, 27.4599



27.0572, 26.4054, 38.1897



28.7825, 26.4054, 30.0819

Sweetspot

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



23.2356, 26.4066, 21.0123



45.0218, 48.4075, 48.4834



22.3190, 22.3310, 20.2739



10.2767, 11.0793, 10.9797



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.2356, 26.4066, 21.0123



39.7232, 45.9987, 33.6528



21.3175, 25.4177, 20.9225



5.6607, 6.1932, 5.7864



12.7430, 19.4619, 3.0849



0.1456, 0.1983, 0.0306

Inverse Universe

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



20.2660, 19.4833, 29.0795



33.4074, 31.2722, 50.8134



22.2726, 20.5177, 29.1734



5.2947, 5.3401, 6.7804



5.5467, 2.3530, 23.1389



0.0751, 0.0339, 0.2223

Previews

White Background



This preview shows how the XYZ color 23.2349, 26.4054, 21.0117 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 23.2349, 26.4054, 21.0117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

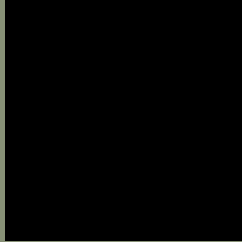
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2349, 26.4054, 21.0117

Background



This preview shows how black text looks on a background with the XYZ color 23.2349, 26.4054, 21.0117.



This preview shows how white text looks on a background with the XYZ color 23.2349, 26.4054,

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

23.2349, 26.4054, 21.0117

Protanopia

24.7432, 26.3130, 20.2978

Deuteranopia

26.7521, 26.2611, 21.4282



Tritanopia

25.6337, 26.2751, 32.9987

Trichromacy



Original Color

23.2349, 26.4054, 21.0117

Protanomaly

24.0635, 26.1737, 20.6134

Deuteranomaly

25.3671, 26.1843, 21.1698

Tritanomaly

24.6663, 26.3171, 28.2058

Monochromacy



Original Color

23.2349, 26.4054, 21.0117

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7913, 25.7132, 25.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2349, 26.4054, 21.0117 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(135, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(135, 144, 118)  
}
```

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(135, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 144, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.2349, 26.4054, 21.0117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

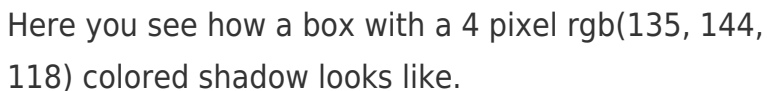
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 144, 118) }
```


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

```
.border{ border-color:rgb(135, 144, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 144, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 144, 118); box-shadow:4px 4px 4px 4px rgb(135, 144, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2349, 26.4054, 21.0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 144, 118) }
```

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

```
.background{ background-color: rgb(135,  
144, 118) }
```

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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