

Converting Colors

XYZ(23.0937, 24.3401, 13.6121)

Have a look what the booklet for
XYZ(23.0937, 24.3401, 13.6121)
contains.

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Color

**XYZ(23.0345, 24.3069,
13.6029)**

Conversions

Conversions Part 1

Format	Color
Hex	96865C
RGB	150, 134, 92
RGB Percent	59%, 53%, 36%
CMY	0.4118, 0.4745, 0.6392
CMYK	0.00, 0.11, 0.39, 0.41
HSL	43°, 24%, 47%
HSV	43°, 39%, 59%
XYZ	23.0345, 24.3069, 13.6029
YIQ	133.9960, 23.0180, -9.6700

Conversions

Conversions Part 2

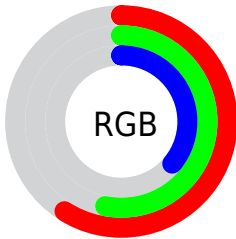
Format	Color
RYB	114, 150, 92
Decimal	9864796
CIELab	56.39, -0.31, 24.84
CIELCh	56, 24.837, 90.712
Yxy	24.3069, 0.3780, 0.3988
Android (android.graphics.Color)	4288054876 (0xFF96865C)
YUV	133.9960, -20.7040, 14.0355
Hunter-Lab	49.3020, -2.8812, 18.1527

Details

The XYZ color **23.0345, 24.3069, 13.6029** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2811, 15.2020, 30.9829**, and the grayscale version is **22.7268, 23.9103, 26.0383**.

A 20% lighter version of the original color is **47.9051, 50.5030, 33.2098**, and **8.7592, 9.2831, 3.8128** is the 20% darker color. If you saturate the color by 10%, you get **21.8822, 22.9497, 10.2979**, and if you desaturate by 10%, it is **24.3403, 25.7630, 17.6002**.

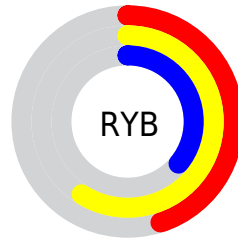
Distribution



Red (59%)

Green (53%)

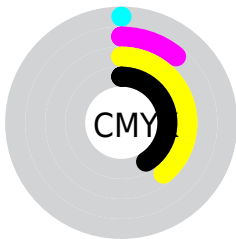
Blue (36%)



Red (45%)

Yellow (59%)

Blue (36%)

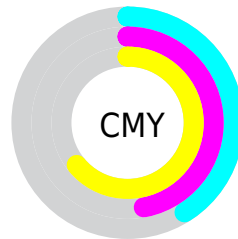


Cyan (0%)

Magenta (11%)

Yellow (39%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0345, 24.3069, 13.6029 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 23.0345, 24.3069, 13.6029 by changing the saturation by 10% instead.

■ 23.0345, 24.3069,
13.6029

■ 23.0345, 24.3069,
13.6029

260.4342,
274.3684, 226.0881

■ 14.7398, 15.5614,
7.7094

■ 47.9162, 50.5306,
33.0897

■ 8.7221, 9.2144,
3.8245

■ 65.2339, 68.7775,
47.5200

■ 4.6160, 4.8813,
1.5296

■ 86.2901, 90.9605,
65.6331

■ 2.0562, 2.1778,
0.2398

■ 111.4500,
117.4638, 87.8475

■ 0.6652, 0.7078,
0.0000

141.0790,
148.6718, 114.5816

■ 0.0000, 0.0000,
0.0000

175.5424,

184.9690, 146.2541

215.2057,
226.7397, 183.2834

■ 23.0345, 24.3069,
13.6029

■ 23.0345, 24.3069,
13.6029

■ 21.8822, 22.9497,
10.2979

■ 24.3403, 25.7630,
17.6002

■ 20.8736, 21.6846,
7.6430

■ 25.8050, 27.3180,
22.3257

■ 20.0004, 20.5086,
5.5939

■ 27.4360, 28.9761,
27.8144

■ 19.2529, 19.4174,
4.0998

■ 29.2399, 30.7403,
34.0987

■ 18.6196, 18.4061,
3.1017

■ 31.2224, 32.6133,
41.2093

■ 18.0767, 17.4646,
2.4757

■ 33.3895, 34.5979,
49.1750

■ 18.0069, 17.3425,
2.3984

■ 35.7464, 36.6964,
58.0232

■ 38.2985, 38.9115,
67.7804

■ 41.0506, 41.2455,
78.4716

Harmonies

Analogous

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



25.9082, 24.3069, 14.9395



23.0345, 24.3069, 13.6029



20.3985, 24.3069, 15.0740

Triad

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



23.0345, 24.3069, 13.6029



18.6772, 24.3069, 35.3830



28.2562, 24.3069, 34.9719

Complementary

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



23.0345, 24.3069, 13.6029



15.2811, 15.2020, 30.9829

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.



26.0365, 24.3069, 42.5058



23.0345, 24.3069, 13.6029



20.5079, 24.3069, 42.7756

Square

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



23.0345, 24.3069, 13.6029



18.0141, 24.3069, 26.6629



23.1716, 24.3069, 45.6160



29.0699, 24.3069, 26.2703

Rectangle

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



23.0345, 24.3069, 13.6029



19.0909, 24.3069, 17.6693



23.1716, 24.3069, 45.6160



27.6412, 24.3069, 37.7840

Sweetspot

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



23.0351, 24.3080, 13.6034



47.3564, 50.0705, 45.4692



19.1349, 15.2305, 16.2401



10.4217, 11.0222, 9.8296



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.0351, 24.3080, 13.6034



38.9564, 40.9110, 19.1144



23.2259, 27.9404, 14.2945



6.1316, 6.4769, 6.1675



14.9623, 14.4389, 1.9984



0.2079, 0.2262, 0.0327

Inverse Universe

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



15.2811, 15.2020, 30.9829



23.3818, 22.6318, 54.0573



15.1073, 12.8337, 30.5350



5.6220, 5.8779, 7.3080



5.2581, 3.2111, 24.2737



0.0864, 0.0834, 0.3045

Previews

White Background



This preview shows how the XYZ color 23.0345, 24.3069, 13.6029 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 23.0345, 24.3069, 13.6029 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 23.0345, 24.3069, 13.6029

Background



This preview shows how black text looks on a background with the XYZ color 23.0345, 24.3069, 13.6029.



This preview shows how white text looks on a background with the XYZ color 23.0345, 24.3069,

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

23.0345, 24.3069, 13.6029

Protanopia

22.4938, 24.2293, 13.8471

Deuteranopia

24.7263, 24.1722, 13.7184



Tritanopia

25.8242, 24.2419, 27.3628

Trichromacy



Original Color

23.0345, 24.3069, 13.6029

Protanomaly

22.6724, 24.3213, 13.8554

Deuteranomaly

24.1926, 24.2920, 13.7697

Tritanomaly

24.5707, 24.1180, 21.4494

Monochromacy



Original Color

23.0345, 24.3069, 13.6029

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.6701, 23.9576, 20.8822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0345, 24.3069, 13.6029 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(150, 134, 92)` looks like.

```
.text, #text, p{  
    color:rgb(150, 134, 92)  
}
```

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(150, 134, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 134, 92) }
```

Border

The CSS property to change the border of an element to XYZ 23.0345, 24.3069, 13.6029 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(150, 134, 92) }
```


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

```
.border{ border-color:rgb(150, 134, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 134, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 134, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 134, 92);  
box-shadow:4px 4px 4px 4px rgb(150, 134,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0345, 24.3069, 13.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 134, 92) }
```

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

```
.background{ background-color: rgb(150,  
134, 92) }
```

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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