

Converting Colors

XYZ(23.2016, 24.1008, 30.2171)

Have a look what the booklet for
XYZ(23.2016, 24.1008, 30.2171)
contains.

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Color

**XYZ(23.1517, 24.0001,
30.2003)**

Conversions

Conversions Part 1

Format	Color
Hex	848691
RGB	132, 134, 145
RGB Percent	52%, 53%, 57%
CMY	0.4823, 0.4745, 0.4314
CMYK	0.09, 0.08, 0.00, 0.43
HSL	231°, 6%, 54%
HSV	231°, 9%, 57%
XYZ	23.1517, 24.0001, 30.2003
YIQ	134.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

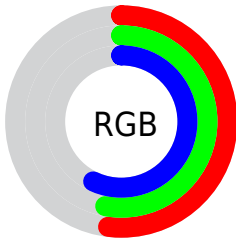
Format	Color
R_{YB}	132, 134, 145
Decimal	8685201
CIE _{Lab}	56.09, 1.54, -6.14
CIE _{LCh}	56, 6.331, 284.056
Yxy	24.0001, 0.2993, 0.3103
Android (android.graphics.Color)	4286875281 (0xFF848691)
YUV	134.6560, 5.0996, -2.3293
Hunter-Lab	48.9899, -1.3766, -2.2570

Details

The XYZ color **23.1517, 24.0001, 30.2003** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6645, 27.3305, 25.7530**, and the grayscale version is **22.8854, 24.0772, 26.2200**.

A 20% lighter version of the original color is **48.0867, 49.9785, 61.1452**, and **8.8032, 9.0059, 12.1008** is the 20% darker color. If you saturate the color by 10%, you get **19.4417, 19.7154, 29.5692**, and if you desaturate by 10%, it is **27.3750, 28.8427, 30.9128**.

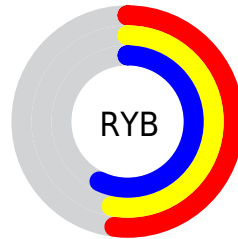
Distribution



Red (52%)

Green (53%)

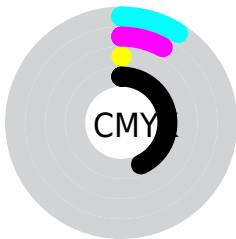
Blue (57%)



Red (52%)

Yellow (53%)

Blue (57%)

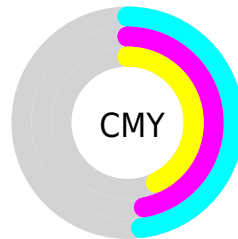


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (43%)



Cyan (48%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1517, 24.0001, 30.2003 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 23.1517, 24.0001, 30.2003 by changing the saturation by 10% instead.

■ 23.1517, 24.0001,
30.2003

■ 23.1517, 24.0001,
30.2003

261.0240,
272.8210, 317.0733

■ 14.8269, 15.3337,
19.7373

■ 48.1071, 50.0304,
61.0435

■ 8.7835, 9.0539,
12.0221

■ 65.4684, 68.1630,
82.2609

■ 4.6562, 4.7764,
6.6360

■ 86.5726, 90.2199,
107.9001

■ 2.0797, 2.1167,
3.1605

111.7850,
116.5853, 138.3798

■ 0.6781, 0.6740,
1.1772

141.4710,
147.6438, 174.1184

■ 0.0000, 0.0000,
0.0000

175.9959,

183.7796, 215.5345

215.7251,
225.3772, 263.0466

■ 23.1517, 24.0001,
30.2003

■ 23.1517, 24.0001,
30.2003

■ 19.4417, 19.7154,
29.5692

■ 27.3750, 28.8427,
30.9128

■ 16.2234, 15.9656,
29.0150

■ 32.1280, 34.2592,
31.7078

■ 13.4764, 12.7303,
28.5353

■ 37.4290, 40.2687,
32.5883

■ 11.1784, 9.9869,
28.1269

■ 43.2950, 46.8885,
33.5569

■ 9.3051, 7.7110,
27.7864

■ 49.7418, 54.1353,
34.6159

■ 7.8300, 5.8760,
27.5099

■ 56.7850, 62.0249,
35.7675

■ 6.7234, 4.4527,
27.2935

■ 64.4395, 70.5729,
37.0140

■ 5.9514, 3.4081,
27.1326

■ 72.7194, 79.7940,
38.3575

■ 5.4481, 2.6909,
27.0207

■ 78.8246, 88.2518,
39.6682

Harmonies

Analogous

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



22.4305, 24.0001, 30.1628



23.1517, 24.0001, 30.2003



23.7947, 24.0001, 29.1082

Triad

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



23.1517, 24.0001, 30.2003



23.8282, 24.0001, 23.4524



21.4968, 24.0001, 25.0504

Complementary

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



23.1517, 24.0001, 30.2003



25.6645, 27.3305, 25.7530

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.



21.8555, 24.0001, 23.3660



23.1517, 24.0001, 30.2003



23.1965, 24.0001, 22.4774

Square

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



23.1517, 24.0001, 30.2003



24.1909, 24.0001, 25.1741



22.4744, 24.0001, 22.4466



21.4853, 24.0001, 27.1139

Rectangle

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



23.1517, 24.0001, 30.2003



24.0883, 24.0001, 27.9183



22.4744, 24.0001, 22.4466



21.5804, 24.0001, 24.4237

Sweetspot

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



23.1524, 24.0011, 30.2008



45.8124, 47.9771, 54.8195



24.5869, 27.1349, 29.8625



10.0634, 10.5262, 12.1736



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.



23.1524, 24.0011, 30.2008



39.8783, 41.1582, 53.8161



23.5702, 23.8096, 30.1418



5.1925, 5.3808, 6.7937



4.6485, 2.2829, 23.1727



0.0547, 0.0423, 0.2250

Inverse Universe

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



24.2320, 24.2441, 25.9579



42.2680, 41.7103, 44.4209



25.2186, 27.5507, 25.8190



5.4406, 5.4368, 5.8185



10.1494, 5.2168, 1.1723



0.1022, 0.0519, 0.0385

Previews

White Background



This preview shows how the XYZ color 23.1517, 24.0001, 30.2003 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 23.1517, 24.0001, 30.2003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

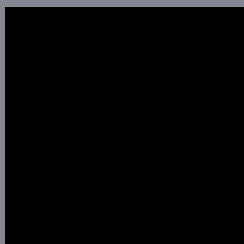
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

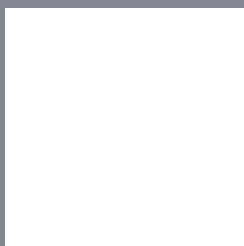
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1517, 24.0001, 30.2003

Background



This preview shows how black text looks on a background with the XYZ color 23.1517, 24.0001, 30.2003.

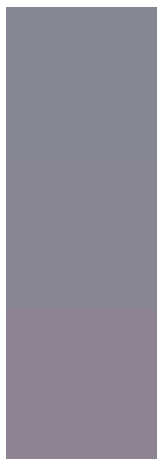


This preview shows how white text looks on a background with the XYZ color 23.1517, 24.0001,

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

23.1517, 24.0001, 30.2003

Protanopia

23.3299, 23.8877, 30.1692

Deuteranopia

24.4599, 24.0587, 30.5487



Tritanopia

23.1517, 24.0001, 30.2003

Trichromacy



Original Color

23.1517, 24.0001, 30.2003

Protanomaly

23.1712, 23.8059, 30.1618

Deuteranomaly

23.9208, 23.9811, 30.5622

Tritanomaly

23.1517, 24.0001, 30.2003

Monochromacy



Original Color

23.1517, 24.0001, 30.2003

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1557, 24.2604, 27.8884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1517, 24.0001, 30.2003 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(132, 134, 145)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 145)  
}
```

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(132, 134, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 145) }
```

Border

The CSS property to change the border of an element to XYZ 23.1517, 24.0001, 30.2003 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(132, 134, 145) }
```


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

```
.border{ border-color:rgb(132, 134, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 134, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 145);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1517, 24.0001, 30.2003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 134, 145) }
```

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

```
.background{ background-color: rgb(132,  
134, 145) }
```

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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