

Converting Colors

XYZ(23.1605, 23.1538, 32.1026)

Have a look what the booklet for
XYZ(23.1605, 23.1538, 32.1026)
contains.

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Color

**XYZ(23.1605, 23.1538,
32.1026)**

Conversions

Conversions Part 1

Format	Color
Hex	858296
RGB	133, 130, 150
RGB Percent	52%, 51%, 59%
CMY	0.4784, 0.4902, 0.4118
CMYK	0.11, 0.13, 0.00, 0.41
HSL	249°, 9%, 55%
HSV	249°, 13%, 59%
XYZ	23.1605, 23.1538, 32.1026
YIQ	133.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

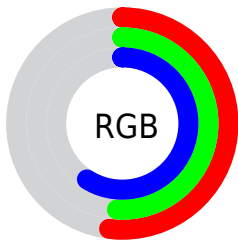
Format	Color
R_{YB}	133, 130, 150
Decimal	8749718
CIE _{Lab}	55.23, 5.27, -10.30
CIE _{LCh}	55, 11.574, 297.104
Yxy	23.1538, 0.2954, 0.2953
Android (android.graphics.Color)	4286939798 (0xFF858296)
YUV	133.1770, 8.2937, -0.1552
Hunter-Lab	48.1184, 1.7090, -5.8730

Details

The XYZ color **23.1605, 23.1538, 32.1026** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9691, 29.6280, 25.4175**, and the grayscale version is **22.3313, 23.4942, 25.5852**.

A 20% lighter version of the original color is **48.0823, 48.6657, 63.9860**, and **8.7618, 8.6247, 13.0073** is the 20% darker color. If you saturate the color by 10%, you get **19.4166, 18.4752, 31.3972**, and if you desaturate by 10%, it is **27.4411, 28.5421, 32.9174**.

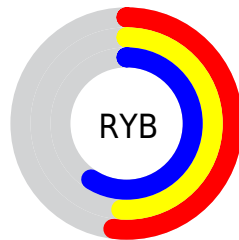
Distribution



Red (52%)

Green (51%)

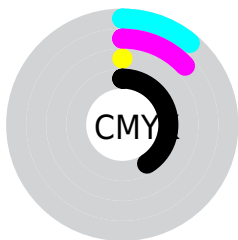
Blue (59%)



Red (52%)

Yellow (51%)

Blue (59%)

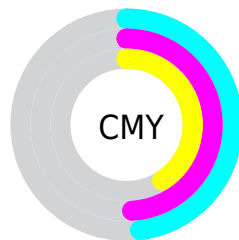


Cyan (11%)

Magenta (13%)

Yellow (0%)

Black (41%)



Cyan (48%)

Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1605, 23.1538, 32.1026 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 23.1605, 23.1538, 32.1026 by changing the saturation by 10% instead.

■ 23.1605, 23.1538,
32.1026

■ 23.1605, 23.1538,
32.1026

261.0683,
268.5140, 326.0935

■ 14.8334, 14.7071,
21.1744

■ 48.1215, 48.6457,
64.0717

■ 8.7881, 8.6141,
13.0591

■ 65.4860, 66.4598,
85.9496

■ 4.6592, 4.4903,
7.3380

■ 86.5938, 88.1651,
112.3146

■ 2.0814, 1.9515,
3.5928

111.8102,
114.1460, 143.5851

■ 0.6791, 0.5790,
1.4047

141.5004,
144.7870, 180.1797

■ 0.0000, 0.0000,
0.1454

176.0299,

■ 0.0000, 0.0000,

180.4723, 222.5170

0.0000

215.7641,
221.5865, 271.0154

■ 23.1605, 23.1538,
32.1026

■ 23.1605, 23.1538,
32.1026

■ 19.4166, 18.4752,
31.3972

■ 27.4411, 28.5421,
32.9174

■ 16.1861, 14.4738,
30.7951

■ 32.2763, 34.6651,
33.8444

■ 13.4470, 11.1189,
30.2919

■ 37.6859, 41.5499,
34.8882

■ 11.1748, 8.3764,
29.8823

■ 43.6879, 49.2215,
36.0526

■ 9.3431, 6.2089,
29.5605

■ 50.2997, 57.7039,
37.3414

■ 7.9226, 4.5749,
29.3200

■ 57.5378, 67.0199,
38.7581

■ 6.8805, 3.4272,
29.1534

■ 65.4183, 77.1914,
40.3061

■ 6.1785, 2.7103,
29.0520

■ 73.9564, 88.2396,
41.9886

■ 5.8468, 2.3782,
29.0054

■ 79.8922, 93.6350,
42.7171

Harmonies

Analogous

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



21.8815, 23.1538, 33.0201



23.1605, 23.1538, 32.1026



24.1636, 23.1538, 29.2832

Triad

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



23.1605, 23.1538, 32.1026



23.3865, 23.1538, 19.6868



19.6138, 23.1538, 24.8522

Complementary

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



23.1605, 23.1538, 32.1026



26.9691, 29.6280, 25.4175

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.



19.9827, 23.1538, 21.5342



23.1605, 23.1538, 32.1026



22.1330, 23.1538, 18.7410

Square

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



23.1605, 23.1538, 32.1026



24.2976, 23.1538, 22.1005



20.8924, 23.1538, 19.3831



19.8651, 23.1538, 28.5995

Rectangle

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



23.1605, 23.1538, 32.1026



24.5232, 23.1538, 26.8350



20.8924, 23.1538, 19.3831



19.6690, 23.1538, 23.6531

Sweetspot

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



23.1612, 23.1548, 32.1031



47.8292, 49.6154, 57.9771



25.1973, 27.9197, 32.9155



10.4770, 10.8408, 12.8251



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.



23.1612, 23.1548, 32.1031



38.8051, 38.2702, 56.2629



24.7585, 23.9782, 32.1779



5.5757, 5.6722, 7.2707



4.8675, 1.9819, 24.0570



0.0750, 0.0322, 0.2952

Inverse Universe

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



25.8275, 24.5569, 30.9836



44.4588, 41.2442, 53.8479



25.3076, 28.7715, 25.3398



5.9983, 5.8944, 7.0974



13.6458, 6.6634, 17.4136



0.1752, 0.0848, 0.2561

Previews

White Background



This preview shows how the XYZ color 23.1605, 23.1538, 32.1026 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 23.1605, 23.1538, 32.1026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

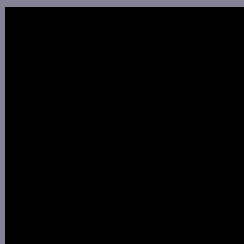
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1605, 23.1538, 32.1026

Background



This preview shows how black text looks on a background with the XYZ color 23.1605, 23.1538, 32.1026.



This preview shows how white text looks on a background with the XYZ color 23.1605, 23.1538,

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

23.1605, 23.1538, 32.1026

Protanopia

22.7555, 23.1341, 32.5441

Deuteranopia

23.6718, 23.2209, 32.0886



Tritanopia

22.5145, 23.0911, 28.8616

Trichromacy



Original Color

23.1605, 23.1538, 32.1026

Protanomaly

22.9081, 23.2128, 32.5513

Deuteranomaly

23.5086, 23.1368, 32.0810

Tritanomaly

22.7429, 23.1825, 30.0640

Monochromacy



Original Color

23.1605, 23.1538, 32.1026

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5843, 23.3532, 27.7434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1605, 23.1538, 32.1026 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(133, 130, 150)` looks like.

```
.text, #text, p{  
    color:rgb(133, 130, 150)  
}
```

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(133, 130, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 130, 150) }
```

Border

The CSS property to change the border of an element to XYZ 23.1605, 23.1538, 32.1026 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(133, 130, 150) }
```


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

```
.border{ border-color:rgb(133, 130, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 130, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 130, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 130, 150);  
box-shadow:4px 4px 4px 4px rgb(133, 130,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1605, 23.1538, 32.1026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 130, 150) }
```

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

```
.background{ background-color: rgb(133,  
130, 150) }
```

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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