

Converting Colors

XYZ(23.0608, 23.8119, 26.2226)

Have a look what the booklet for
XYZ(23.0608, 23.8119, 26.2226)
contains.

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Color

**XYZ(23.0772, 23.8427,
26.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	898587
RGB	137, 133, 135
RGB Percent	54%, 52%, 53%
CMY	0.4627, 0.4784, 0.4706
CMYK	0.00, 0.03, 0.01, 0.46
HSL	330°, 2%, 53%
HSV	330°, 3%, 54%
XYZ	23.0772, 23.8427, 26.3075
YIQ	134.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

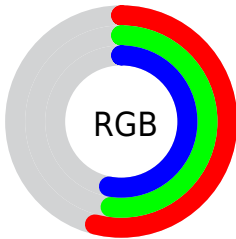
Format	Color
R_{YB}	137, 133, 135
Decimal	9012615
CIE _{Lab}	55.93, 1.88, -0.55
CIE _{LCh}	56, 1.962, 343.722
Yxy	23.8427, 0.3151, 0.3256
Android (android.graphics.Color)	4287202695 (0xFF898587)
YUV	134.4240, 0.2840, 2.2592
Hunter-Lab	48.8290, -1.0894, 2.2367

Details

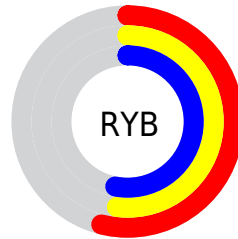
The XYZ color **23.0772, 23.8427, 26.3075** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9925, 24.6277, 26.4646**, and the grayscale version is **22.8152, 24.0033, 26.1396**.

A 20% lighter version of the original color is **47.8712, 49.6958, 54.6461**, and **8.7405, 9.0228, 9.8752** is the 20% darker color. If you saturate the color by 10%, you get **20.8556, 20.1468, 23.2626**, and if you desaturate by 10%, it is **25.5759, 28.0424, 29.5987**.

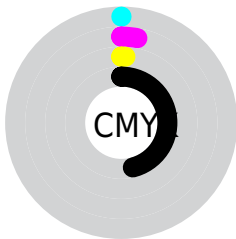
Distribution



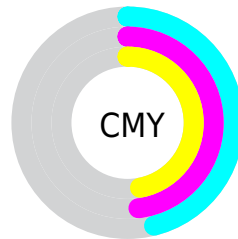
- Red (54%)
- Green (52%)
- Blue (53%)



- Red (54%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (46%)



- Cyan (46%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0772, 23.8427, 26.3075 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 23.0772, 23.8427, 26.3075 by changing the saturation by 10% instead.

■ 23.0772, 23.8427,
26.3075

■ 23.0772, 23.8427,
26.3075

260.6492,
272.0243, 297.9417

■ 14.7715, 15.2170,
16.8260

■ 47.9858, 49.7734,
54.7608

■ 8.7445, 8.9718,
9.9499

■ 65.3194, 67.8471,
74.5696

■ 4.6307, 4.7228,
5.2606

■ 86.3931, 89.8390,
98.6580

■ 2.0647, 2.0856,
2.3395

111.5721,
116.1334, 127.4444

■ 0.6699, 0.6565,
0.7532

141.2219,
147.1148, 161.3475

■ 0.0000, 0.0000,
0.0000

175.7077,

183.1674, 200.7857

215.3951,
224.6758, 246.1776

■ 23.0772, 23.8427,
26.3075

■ 23.0772, 23.8427,
26.3075

■ 20.8556, 20.1468,
23.2626

■ 25.5759, 28.0424,
29.5987

■ 18.8991, 16.9326,
20.4561

■ 28.3590, 32.7608,
33.1405

■ 17.1978, 14.1809,
17.8822

■ 31.4364, 38.0161,
36.9391

■ 15.7403, 11.8701,
15.5340

■ 34.8165, 43.8245,
41.0000

■ 14.5145, 9.9766,
13.4043

■ 38.5076, 50.2016,
45.3287

■ 13.5069, 8.4749,
11.4855

■ 42.5175, 57.1626,
49.9301

■ 12.7028, 7.3365,
9.7692

■ 46.8540, 64.7217,
54.8093

■ 12.0855, 6.5291,
8.2463

■ 51.5244, 72.8930,
59.9712

■ 11.6352, 6.0143,
6.9067

■ 56.1183, 80.8551,
65.2814

Harmonies

Analogous

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



22.9604, 23.8427, 26.8612



23.0772, 23.8427, 26.3075



23.0822, 23.8427, 25.6695

Triad

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



23.0772, 23.8427, 26.3075



22.5599, 23.8427, 24.7822



22.3523, 23.8427, 26.8215

Complementary

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



23.0772, 23.8427, 26.3075



22.9925, 24.6277, 26.4646

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.



22.2465, 23.8427, 26.2540



23.0772, 23.8427, 26.3075



22.3658, 23.8427, 25.0805

Square

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



23.0772, 23.8427, 26.3075



22.7826, 23.8427, 24.7960



22.2514, 23.8427, 25.6169



22.5414, 23.8427, 27.1613

Rectangle

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



23.0772, 23.8427, 26.3075



23.0214, 23.8427, 25.2827



22.2514, 23.8427, 25.6169



22.3059, 23.8427, 26.6506

Sweetspot

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



23.0779, 23.8437, 26.3080



42.1374, 44.0546, 48.1954



22.8954, 23.7332, 27.0414



9.4579, 9.8925, 10.8189



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



23.0779, 23.8437, 26.3080



40.8369, 41.8786, 46.4515



22.9385, 23.7880, 25.5741



5.3744, 5.4941, 6.1075



10.6011, 5.3506, 5.6696



0.0778, 0.0385, 0.0765

Inverse Universe

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



23.0779, 23.8437, 26.3080



40.8369, 41.8786, 46.4515



23.1346, 24.6845, 27.2124



5.3744, 5.4941, 6.1075



10.6011, 5.3506, 5.6696



0.0778, 0.0385, 0.0765

Previews

White Background



This preview shows how the XYZ color 23.0772, 23.8427, 26.3075 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 23.0772, 23.8427, 26.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

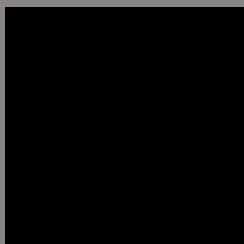
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

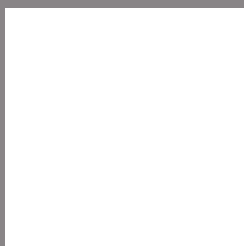
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0772, 23.8427, 26.3075

Background



This preview shows how black text looks on a background with the XYZ color 23.0772, 23.8427, 26.3075.



This preview shows how white text looks on a background with the XYZ color 23.0772, 23.8427,

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

23.0772, 23.8427, 26.3075

Protanopia

22.9140, 23.7586, 26.2998

Deuteranopia

24.2806, 23.8538, 26.6171



Tritanopia

23.6150, 23.8588, 28.9517

Trichromacy



Original Color

23.0772, 23.8427, 26.3075

Protanomaly

22.9140, 23.7586, 26.2998

Deuteranomaly

23.8879, 23.8498, 26.6370

Tritanomaly

23.3927, 23.7699, 27.7812

Monochromacy



Original Color

23.0772, 23.8427, 26.3075

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8198, 23.9223, 25.9690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0772, 23.8427, 26.3075 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(137, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(137, 133, 135)  
}
```

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(137, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 133, 135) }
```

Border

The CSS property to change the border of an element to XYZ 23.0772, 23.8427, 26.3075 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(137, 133, 135) }
```


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

```
.border{ border-color:rgb(137, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(137, 133,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0772, 23.8427, 26.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 133, 135) }
```

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

```
.background{ background-color: rgb(137,  
133, 135) }
```

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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