

Converting Colors

XYZ(23.0286, 22.6763, 32.8694)

Have a look what the booklet for
XYZ(23.0286, 22.6763, 32.8694)
contains.

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Color

**XYZ(23.0595, 22.6919,
32.8704)**

Conversions

Conversions Part 1

Format	Color
Hex	858098
RGB	133, 128, 152
RGB Percent	52%, 50%, 60%
CMY	0.4784, 0.4980, 0.4039
CMYK	0.12, 0.16, 0.00, 0.40
HSL	252°, 10%, 55%
HSV	252°, 16%, 60%
XYZ	23.0595, 22.6919, 32.8704
YIQ	132.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

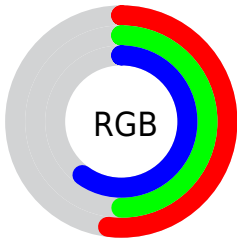
Format	Color
R_{YB}	133, 128, 152
Decimal	8749208
CIE _{Lab}	54.75, 6.87, -12.18
CIE _{LCh}	55, 13.984, 299.443
Yxy	22.6919, 0.2933, 0.2886
Android (android.graphics.Color)	4286939288 (0xFF858098)
YUV	132.2310, 9.7461, 0.6744
Hunter-Lab	47.6360, 3.0447, -7.5668

Details

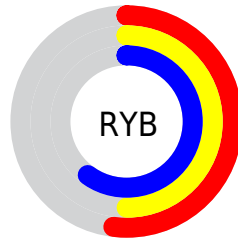
The XYZ color **23.0595, 22.6919, 32.8704** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1581, 30.2187, 24.8246**, and the grayscale version is **21.9832, 23.1280, 25.1864**.

A 20% lighter version of the original color is **47.9142, 47.9431, 65.1211**, and **8.7122, 8.3705, 13.4684** is the 20% darker color. If you saturate the color by 10%, you get **19.4312, 18.0959, 32.1749**, and if you desaturate by 10%, it is **27.2039, 27.9960, 33.6761**.

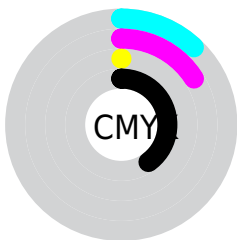
Distribution



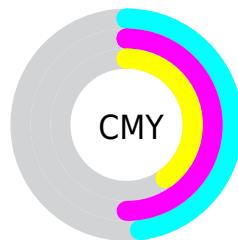
- Red (52%)
- Green (50%)
- Blue (60%)



- Red (52%)
- Yellow (50%)
- Blue (60%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0595, 22.6919, 32.8704 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 23.0595, 22.6919, 32.8704 by changing the saturation by 10% instead.

■ 23.0595, 22.6919,
32.8704

■ 23.0595, 22.6919,
32.8704

260.5601,
266.1386, 329.6794

■ 14.7584, 14.3662,
21.7569

■ 47.9569, 47.8869,
65.2868

■ 8.7352, 8.3758,
13.4818

■ 65.2840, 65.5250,
87.4268

■ 4.6246, 4.3363,
7.6265

■ 86.3504, 87.0360,
114.0793

■ 2.0612, 1.8634,
3.7726

111.5215,
112.8043, 145.6630

■ 0.6680, 0.5262,
1.5014

141.1626,
143.2144, 182.5963

■ 0.0000, 0.0000,
0.2190

175.6392,

■ 0.0000, 0.0000,

178.6505, 225.2978

0.0000

215.3166,
219.4971, 274.1860

■ 23.0595, 22.6919,
32.8704

■ 23.0595, 22.6919,
32.8704

■ 19.4312, 18.0959,
32.1749

■ 27.2039, 27.9960,
33.6761

■ 16.2965, 14.1752,
31.5833

■ 31.8817, 34.0338,
34.5950

■ 13.6342, 10.8983,
31.0911

■ 37.1118, 40.8327,
35.6317

■ 11.4207, 8.2304,
30.6928

■ 42.9116, 48.4184,
36.7901

■ 9.6304, 6.1330,
30.3824

■ 49.2979, 56.8148,
38.0742

■ 8.2348, 4.5635,
30.1530

■ 56.2866, 66.0452,
39.4875

■ 7.2020, 3.4728,
29.9969

■ 63.8930, 76.1318,
41.0335

■ 6.4902, 2.7943,
29.9034

■ 72.1318, 87.0960,
42.7156

■ 6.2526, 2.5686,
29.8724

■ 77.8097, 92.5427,
43.4677

Harmonies

Analogous

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



21.5392, 22.6919, 34.2153



23.0595, 22.6919, 32.8704



24.2250, 22.6919, 29.2840

Triad

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



23.0595, 22.6919, 32.8704



23.1117, 22.6919, 18.0892



18.7352, 22.6919, 24.6251

Complementary

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



23.0595, 22.6919, 32.8704



27.1581, 30.2187, 24.8246

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.



19.1127, 22.6919, 20.6347



23.0595, 22.6919, 32.8704



21.5968, 22.6919, 17.1478

Square

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



23.0595, 22.6919, 32.8704



24.2562, 22.6919, 20.7618



20.1422, 22.6919, 18.0222



19.0861, 22.6919, 29.1242

Rectangle

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



23.0595, 22.6919, 32.8704



24.6181, 22.6919, 26.2973



20.1422, 22.6919, 18.0222



18.7808, 22.6919, 23.1834

Sweetspot

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



23.0602, 22.6928, 32.8709



48.5565, 50.1089, 59.5465



25.0352, 27.7866, 33.7500



10.9215, 11.2415, 13.5117



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.0602, 22.6928, 32.8709



38.3062, 37.0079, 57.5579



25.0293, 23.7080, 32.9631



5.9987, 6.0852, 7.7874



5.2647, 2.1651, 25.0481



0.1043, 0.0456, 0.3757

Inverse Universe

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



25.9354, 24.2214, 30.9133



44.4016, 40.2499, 53.3345



25.1492, 29.1831, 24.7306



6.4061, 6.3016, 7.5186



13.7289, 6.7458, 15.6294



0.2176, 0.1058, 0.2988

Previews

White Background



This preview shows how the XYZ color 23.0595, 22.6919, 32.8704 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 23.0595, 22.6919, 32.8704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

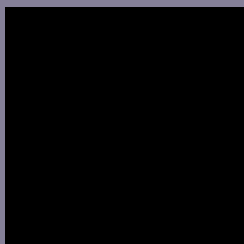
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0595, 22.6919, 32.8704

Background



This preview shows how black text looks on a background with the XYZ color 23.0595, 22.6919, 32.8704.



This preview shows how white text looks on a background with the XYZ color 23.0595, 22.6919,

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

23.0595, 22.6919, 32.8704

Protanopia

22.4848, 22.7772, 33.3484

Deuteranopia

23.2182, 22.7737, 32.8778



Tritanopia

22.0763, 22.6840, 28.0258

Trichromacy



Original Color

23.0595, 22.6919, 32.8704

Protanomaly

22.6533, 22.6675, 33.3183

Deuteranomaly

23.2182, 22.7737, 32.8778

Tritanomaly

22.4000, 22.6197, 29.5710

Monochromacy



Original Color

23.0595, 22.6919, 32.8704

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.2922, 23.0022, 27.6910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0595, 22.6919, 32.8704 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, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(133, 128, 152)  
}
```

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, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 128, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.0595, 22.6919, 32.8704 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, 128, 152) }
```


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

```
.border{ border-color:rgb(133, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(133, 128,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0595, 22.6919, 32.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 128, 152) }
```

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

```
.background{ background-color: rgb(133,  
128, 152) }
```

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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