

Converting Colors

XYZ(23.5567, 22.5637, 32.8140)

Have a look what the booklet for
XYZ(23.5567, 22.5637, 32.8140)
contains.

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Color

**XYZ(23.6096, 22.5920,
32.8221)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7E98
RGB	138, 126, 152
RGB Percent	54%, 49%, 60%
CMY	0.4588, 0.5059, 0.4039
CMYK	0.09, 0.17, 0.00, 0.40
HSL	268°, 11%, 55%
HSV	268°, 17%, 60%
XYZ	23.6096, 22.5920, 32.8221
YIQ	132.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

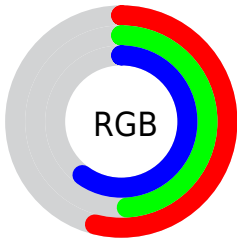
Format	Color
R_{YB}	138, 126, 152
Decimal	9076376
CIE Lab	54.65, 9.78, -12.29
CIE LCh	55, 15.709, 308.516
Yxy	22.5920, 0.2988, 0.2859
Android (android.graphics.Color)	4287266456 (0xFF8A7E98)
YUV	132.5520, 9.5879, 4.7779
Hunter-Lab	47.5310, 5.4851, -7.6704

Details

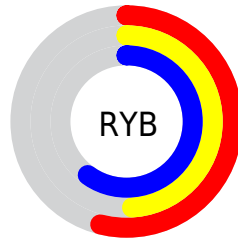
The XYZ color **23.6096, 22.5920, 32.8221** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **25.8102, 29.5389, 24.0810**, and the grayscale version is **22.0989, 23.2498, 25.3190**.

A 20% lighter version of the original color is **48.9989, 47.9029, 65.0562**, and **9.0273, 8.3220, 13.4424** is the 20% darker color. If you saturate the color by 10%, you get **20.5083, 18.3243, 32.1622**, and if you desaturate by 10%, it is **27.1097, 27.5049, 33.5863**.

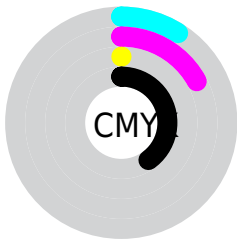
Distribution



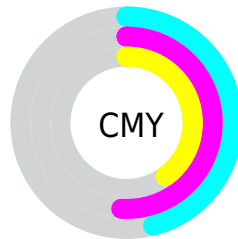
- Red (54%)
- Green (49%)
- Blue (60%)



- Red (54%)
- Yellow (49%)
- Blue (60%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6096, 22.5920, 32.8221 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 23.6096, 22.5920, 32.8221 by changing the saturation by 10% instead.

■ 23.6096, 22.5920,
32.8221

■ 23.6096, 22.5920,
32.8221

263.3180,
265.6224, 329.4547

■ 15.1674, 14.2925,
21.7202

■ 48.8517, 47.7225,
65.2105

■ 9.0241, 8.3244,
13.4551

■ 66.3823, 65.3224,
87.3341

■ 4.8141, 4.3032,
7.6083

■ 87.6732, 86.7911,
113.9686

■ 2.1722, 1.8446,
3.7612

113.0896,
112.5132, 145.5326

■ 0.7280, 0.5147,
1.4953

142.9970,
142.8730, 182.4447

■ 0.0000, 0.0000,
0.2144

177.7606,

■ 0.0000, 0.0000,

178.2548, 225.1234

0.0000

217.7458,
219.0432, 273.9872

■ 23.6096, 22.5920,
32.8221

■ 23.6096, 22.5920,
32.8221

■ 20.5083, 18.3243,
32.1622

■ 27.1097, 27.5049,
33.5863

■ 17.7882, 14.6712,
31.6004

■ 31.0211, 33.0861,
34.4574

■ 15.4334, 11.6039,
31.1325

■ 35.3584, 39.3612,
35.4400

■ 13.4259, 9.0900,
30.7530

■ 40.1346, 46.3533,
36.5379

■ 11.7461, 7.0940,
30.4563

■ 45.3625, 54.0848,
37.7547

■ 10.3721, 5.5760,
30.2357

■ 51.0539, 62.5768,
39.0938

■ 9.2789, 4.4898,
30.0837

■ 57.2205, 71.8496,
40.5586

■ 8.4268, 3.7604,
29.9878

■ 63.8735, 81.9229,
42.1523

■ 8.2042, 3.5747,
29.9637

■ 68.4832, 87.7347,
43.0312

Harmonies

Analogous

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



21.9689, 22.5920, 35.2626



23.6096, 22.5920, 32.8221



24.7160, 22.5920, 28.2517

Triad

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



23.6096, 22.5920, 32.8221



22.7132, 22.5920, 16.7632



18.3514, 22.5920, 26.0352

Complementary

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



23.6096, 22.5920, 32.8221



25.8102, 29.5389, 24.0810

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.



18.5269, 22.5920, 21.2753



23.6096, 22.5920, 32.8221



20.9847, 22.5920, 16.3361

Square

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



23.6096, 22.5920, 32.8221



24.1795, 22.5920, 19.1355



19.4694, 22.5920, 17.8784



18.9764, 22.5920, 31.0141

Rectangle

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



23.6096, 22.5920, 32.8221



24.9693, 22.5920, 24.8462



19.4694, 22.5920, 17.8784



18.3194, 22.5920, 24.3531

Sweetspot

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



23.6103, 22.5930, 32.8226



49.1768, 50.4287, 59.5755



23.6945, 25.5474, 33.3884



11.0794, 11.3229, 13.5191



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.



23.6103, 22.5930, 32.8226



39.2326, 36.4984, 57.4108



25.8359, 23.7403, 32.9268



6.1418, 6.1590, 7.7941



6.9140, 3.0153, 25.1253



0.1447, 0.0664, 0.3776

Inverse Universe

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



25.1441, 23.4916, 28.0211



42.5646, 38.4514, 46.9411



23.7921, 28.4985, 23.9866



6.3409, 6.2755, 7.1751



12.1454, 6.1124, 7.2906



0.1999, 0.0987, 0.2057

Previews

White Background



This preview shows how the XYZ color 23.6096, 22.5920, 32.8221 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 23.6096, 22.5920, 32.8221 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 23.6096, 22.5920, 32.8221

Background



This preview shows how black text looks on a background with the XYZ color 23.6096, 22.5920, 32.8221.



This preview shows how white text looks on a background with the XYZ color 23.6096, 22.5920,

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

23.6096, 22.5920, 32.8221

Protanopia

22.4196, 22.7340, 33.7783

Deuteranopia

23.0595, 22.6919, 32.8704



Tritanopia

22.4600, 22.5076, 27.2054

Trichromacy



Original Color

23.6096, 22.5920, 32.8221

Protanomaly

22.8059, 22.7462, 33.3255

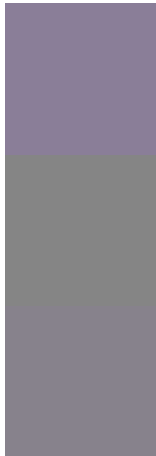
Deuteranomaly

23.2485, 22.5966, 32.8420

Tritanomaly

22.8638, 22.4803, 29.1207

Monochromacy



Original Color

23.6096, 22.5920, 32.8221

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7079, 23.0096, 28.0554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6096, 22.5920, 32.8221 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(138, 126, 152)` looks like.

```
.text, #text, p{  
    color:rgb(138, 126, 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(138, 126, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 126, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.6096, 22.5920, 32.8221 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(138, 126, 152) }
```


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

```
.border{ border-color:rgb(138, 126, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 126, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 126, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 126, 152);  
box-shadow:4px 4px 4px 4px rgb(138, 126,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6096, 22.5920, 32.8221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 126, 152) }
```

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

```
.background{ background-color: rgb(138,  
126, 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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