

Converting Colors

XYZ(24.2315, 23.6875, 33.4320)

Have a look what the booklet for
XYZ(24.2315, 23.6875, 33.4320)
contains.

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Color

**XYZ(24.2136, 23.6684,
33.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8299
RGB	138, 130, 153
RGB Percent	54%, 51%, 60%
CMY	0.4588, 0.4902, 0.4000
CMYK	0.10, 0.15, 0.00, 0.40
HSL	261°, 10%, 55%
HSV	261°, 15%, 60%
XYZ	24.2136, 23.6684, 33.4293
YIQ	135.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

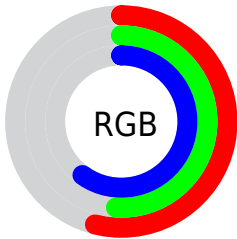
Format	Color
R_{YB}	138, 130, 153
Decimal	9077401
CIE _{Lab}	55.75, 7.68, -11.21
CIE _{LCh}	56, 13.587, 304.414
Yxy	23.6684, 0.2978, 0.2911
Android (android.graphics.Color)	4287267481 (0xFF8A8299)
YUV	135.0140, 8.8671, 2.6187
Hunter-Lab	48.6502, 3.7031, -6.6852

Details

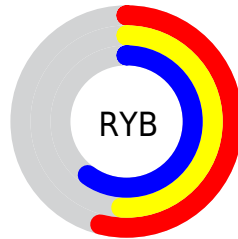
The XYZ color **24.2136, 23.6684, 33.4293** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0984, 30.4146, 25.5625**, and the grayscale version is **23.0037, 24.2017, 26.3556**.

A 20% lighter version of the original color is **49.9342, 49.5784, 65.9693**, and **9.3652, 8.9189, 13.7983** is the 20% darker color. If you saturate the color by 10%, you get **20.7522, 19.0847, 32.7274**, and if you desaturate by 10%, it is **28.1308, 28.9376, 34.2403**.

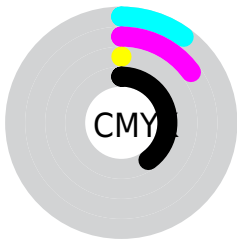
Distribution



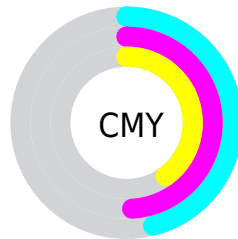
- Red (54%)
- Green (51%)
- Blue (60%)



- Red (54%)
- Yellow (51%)
- Blue (60%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2136, 23.6684, 33.4293 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 24.2136, 23.6684, 33.4293 by changing the saturation by 10% instead.

■ 24.2136, 23.6684,
33.4293

■ 24.2136, 23.6684,
33.4293

266.3191,
271.1397, 332.2709

■ 15.6177, 15.0878,
22.1817

■ 49.8307, 49.4885,
66.1689

■ 9.3432, 8.8810,
13.7909

■ 67.5826, 67.4969,
88.4980

■ 5.0246, 4.6637,
7.8383

■ 89.1173, 89.4166,
115.3580

■ 2.2966, 2.0513,
3.9054

114.8000,
115.6321, 147.1675

■ 0.7929, 0.6370,
1.5736

144.9962,
146.5278, 184.3450

■ 0.0000, 0.0000,
0.2719

180.0712,

■ 0.0000, 0.0000,

182.4880, 227.3091

0.0000

220.3904,
223.8972, 276.4782

■ 24.2136, 23.6684,
33.4293

■ 24.2136, 23.6684,
33.4293

■ 20.7522, 19.0847,
32.7274

■ 28.1308, 28.9376,
34.2403

■ 17.7270, 15.1547,
32.1282

■ 32.5181, 34.9162,
35.1630

■ 15.1203, 11.8487,
31.6275

■ 37.3916, 41.6308,
36.2022

■ 12.9120, 9.1333,
31.2198

■ 42.7662, 49.1056,
37.3617

■ 11.0805, 6.9721,
30.8991

■ 48.6562, 57.3637,
38.6452

■ 9.6017, 5.3242,
30.6590

■ 55.0750, 66.4271,
40.0564

■ 8.4485, 4.1431,
30.4918

■ 62.0357, 76.3173,
41.5985

■ 7.5871, 3.3696,
30.3879

■ 69.5510, 87.0545,
43.2749

■ 7.2291, 3.0625,
30.3475

■ 73.4455, 90.2834,
43.6928

Harmonies

Analogous

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



22.7250, 23.6684, 35.1972



24.2136, 23.6684, 33.4293



25.2774, 23.6684, 29.6144

Triad

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



24.2136, 23.6684, 33.4293



23.8009, 23.6684, 18.8463



19.6678, 23.6684, 26.4298

Complementary

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



24.2136, 23.6684, 33.4293



27.0984, 30.4146, 25.5625

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.



19.9267, 23.6684, 22.2752



24.2136, 23.6684, 33.4293



22.2687, 23.6684, 18.1985

Square

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



24.2136, 23.6684, 33.4293



25.0316, 23.6684, 21.2639



20.8618, 23.6684, 19.3817



20.1379, 23.6684, 30.8735

Rectangle

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



24.2136, 23.6684, 33.4293



25.5776, 23.6684, 26.6062



20.8618, 23.6684, 19.3817



19.6726, 23.6684, 24.9532

Sweetspot

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



24.2143, 23.6694, 33.4298



50.3282, 51.7553, 61.3092



25.1329, 27.3993, 34.1014



11.0081, 11.2861, 13.5157



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.



24.2143, 23.6694, 33.4298



41.2145, 39.5257, 59.4290



26.1580, 24.6714, 33.5208



6.0770, 6.1256, 7.7910



6.0079, 2.5482, 25.0829



0.1265, 0.0570, 0.3767

Inverse Universe

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



26.2311, 24.7829, 30.1903



45.5520, 41.9219, 52.3959



25.2263, 29.4494, 25.4749



6.3699, 6.2871, 7.3281



12.7663, 6.3607, 10.5601



0.2079, 0.1019, 0.2475

Previews

White Background



This preview shows how the XYZ color 24.2136, 23.6684, 33.4293 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 24.2136, 23.6684, 33.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

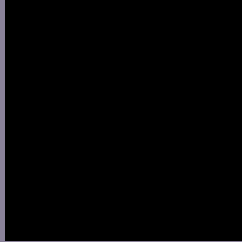
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2136, 23.6684, 33.4293

Background



This preview shows how black text looks on a background with the XYZ color 24.2136, 23.6684, 33.4293.



This preview shows how white text looks on a background with the XYZ color 24.2136, 23.6684,

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

24.2136, 23.6684, 33.4293

Protanopia

23.5098, 23.8874, 34.3820

Deuteranopia

24.0489, 23.5835, 33.4216



Tritanopia

23.2871, 23.6898, 28.9364

Trichromacy



Original Color

24.2136, 23.6684, 33.4293

Protanomaly

23.7569, 23.8222, 33.9179

Deuteranomaly

24.0489, 23.5835, 33.4216

Tritanomaly

23.6211, 23.6263, 30.5095

Monochromacy



Original Color

24.2136, 23.6684, 33.4293

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4234, 23.9623, 28.9818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2136, 23.6684, 33.4293 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, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(138, 130, 153)  
}
```

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, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 130, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.2136, 23.6684, 33.4293 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, 130, 153) }
```


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

```
.border{ border-color:rgb(138, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(138, 130,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2136, 23.6684, 33.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 130, 153) }
```

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

```
.background{ background-color: rgb(138,  
130, 153) }
```

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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