

Converting Colors

XYZ(23.7676, 23.2032, 35.1243)

Have a look what the booklet for
XYZ(23.7676, 23.2032, 35.1243)
contains.

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Color

**XYZ(23.7676, 23.2032,
35.1243)**

Conversions

Conversions Part 1

Format	Color
Hex	86819D
RGB	134, 129, 157
RGB Percent	53%, 51%, 62%
CMY	0.4745, 0.4941, 0.3843
CMYK	0.15, 0.18, 0.00, 0.38
HSL	251°, 12%, 56%
HSV	251°, 18%, 62%
XYZ	23.7676, 23.2032, 35.1243
YIQ	133.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

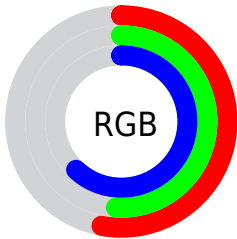
Format	Color
RYB	134, 129, 157
Decimal	8815005
CIELab	55.28, 7.76, -14.27
CIELCh	55, 16.241, 298.542
Yxy	23.2032, 0.2895, 0.2826
Android (android.graphics.Color)	4287005085 (0xFF86819D)
YUV	133.6870, 11.4933, 0.2745
Hunter-Lab	48.1697, 3.7774, -9.5142

Details

The XYZ color **23.7676, 23.2032, 35.1243** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.9692, 32.3750, 25.4921**, and the grayscale version is **22.5066, 23.6787, 25.7861**.

A 20% lighter version of the original color is **49.1051, 48.7742, 69.1136**, and **9.1263, 8.6627, 14.8267** is the 20% darker color. If you saturate the color by 10%, you get **19.9247, 18.3848, 34.3972**, and if you desaturate by 10%, it is **28.1805, 28.7883, 35.9701**.

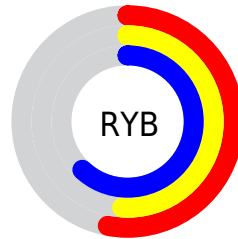
Distribution



Red (53%)

Green (51%)

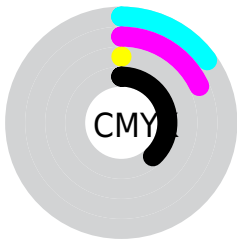
Blue (62%)



Red (53%)

Yellow (51%)

Blue (62%)

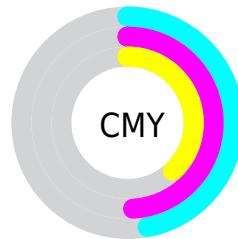


Cyan (15%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7676, 23.2032, 35.1243 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 23.7676, 23.2032, 35.1243 by changing the saturation by 10% instead.

■ 23.7676, 23.2032,
35.1243

■ 23.7676, 23.2032,
35.1243

264.1058,
268.7670, 340.0376

■ 15.2851, 14.7436,
23.4743

■ 49.1081, 48.7268,
68.8320

■ 9.1073, 8.6397,
14.7355

■ 66.6969, 66.5595,
91.7269

■ 4.8689, 4.5069,
8.4894

■ 88.0518, 88.2855,
119.2071

■ 2.2045, 1.9610,
4.3175

113.5382,
114.2891, 151.6912

■ 0.7451, 0.5846,
1.8011

143.5214,
144.9546, 189.5978

■ 0.0000, 0.0000,
0.4287

178.3669,

■ 0.0000, 0.0000,

180.6665, 233.3453

0.0000

218.4398,
221.8091, 283.3524

■ 23.7676, 23.2032,
35.1243

■ 23.7676, 23.2032,
35.1243

■ 19.9247, 18.3848,
34.3972

■ 28.1805, 28.7883,
35.9701

■ 16.6261, 14.2968,
33.7820

■ 33.1832, 35.1686,
36.9380

■ 13.8474, 10.9038,
33.2735

■ 38.7973, 42.3749,
38.0330

■ 11.5616, 8.1669,
32.8657

■ 45.0427, 50.4353,
39.2597

■ 9.7391, 6.0429,
32.5518

■ 51.9384, 59.3766,
40.6221

8.3468, 4.4835,
32.3242

59.5024, 69.2244,
42.1242

7.3473, 3.4329,
32.1741

67.7522, 80.0034,
43.7700

6.6826, 2.7968,
32.0863

76.7045, 91.7373,
45.5630

6.5656, 2.6816,
32.0703

81.2976, 94.2925,
45.8141

Harmonies

Analogous

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



21.9651, 23.2032, 36.6585



23.7676, 23.2032, 35.1243



25.1739, 23.2032, 30.8603

Triad

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



23.7676, 23.2032, 35.1243



23.9299, 23.2032, 17.6472



18.7392, 23.2032, 25.0104

Complementary

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



23.7676, 23.2032, 35.1243



28.9692, 32.3750, 25.4921

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.



19.2031, 23.2032, 20.3894



23.7676, 23.2032, 35.1243



22.1430, 23.2032, 16.5159

Square

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



23.7676, 23.2032, 35.1243



25.2712, 23.2032, 20.7743



20.4247, 23.2032, 17.4474



19.1221, 23.2032, 30.3588

Rectangle

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



23.7676, 23.2032, 35.1243



25.6623, 23.2032, 27.3067



20.4247, 23.2032, 17.4474



18.8008, 23.2032, 23.3265

Sweetspot

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



23.7683, 23.2042, 35.1248



52.8129, 54.5392, 64.8703



26.4222, 29.6670, 36.2324



11.4970, 11.8431, 14.2503



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.7683, 23.2042, 35.1248



39.9930, 38.3191, 62.4152



26.0894, 24.4007, 35.2334



6.3897, 6.4894, 8.3225



5.3560, 2.1901, 26.0477



0.1226, 0.0530, 0.4670

Inverse Universe

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



27.4232, 25.1366, 33.1134



47.6786, 42.3846, 58.1029



26.5567, 31.1313, 25.3792



6.8533, 6.7342, 8.0786



14.5220, 7.1134, 17.5318



0.2718, 0.1321, 0.3775

Previews

White Background



This preview shows how the XYZ color 23.7676, 23.2032, 35.1243 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 23.7676, 23.2032, 35.1243 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 23.7676, 23.2032, 35.1243

Background



This preview shows how black text looks on a background with the XYZ color 23.7676, 23.2032, 35.1243.



This preview shows how white text looks on a background with the XYZ color 23.7676, 23.2032,

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

23.7676, 23.2032, 35.1243

Protanopia

23.0403, 23.2132, 35.6140

Deuteranopia

23.6089, 23.1214, 35.1168



Tritanopia

22.4938, 23.2808, 28.8993

Trichromacy



Original Color

23.7676, 23.2032, 35.1243

Protanomaly

23.3601, 23.1797, 35.5907

Deuteranomaly

23.6089, 23.1214, 35.1168

Tritanomaly

22.8985, 23.2447, 30.8836

Monochromacy



Original Color

23.7676, 23.2032, 35.1243

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9653, 23.5239, 28.9213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7676, 23.2032, 35.1243 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(134, 129, 157)` looks like.

```
.text, #text, p{  
    color:rgb(134, 129, 157)  
}
```

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(134, 129, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 129, 157) }
```

Border

The CSS property to change the border of an element to XYZ 23.7676, 23.2032, 35.1243 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(134, 129, 157) }
```


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

```
.border{ border-color:rgb(134, 129, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 129, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 129, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 129, 157);  
box-shadow:4px 4px 4px 4px rgb(134, 129,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7676, 23.2032, 35.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 129, 157) }
```

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

```
.background{ background-color: rgb(134,  
129, 157) }
```

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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