

Converting Colors

XYZ(23.7684, 25.4632, 38.4065)

Have a look what the booklet for
XYZ(23.7684, 25.4632, 38.4065)
contains.

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Color

**XYZ(23.7347, 25.3936,
38.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	788CA3
RGB	120, 140, 163
RGB Percent	47%, 55%, 64%
CMY	0.5294, 0.4510, 0.3608
CMYK	0.26, 0.14, 0.00, 0.36
HSL	212°, 19%, 55%
HSV	212°, 26%, 64%
XYZ	23.7347, 25.3936, 38.3008
YIQ	136.6420, -19.3030, 2.9130

Conversions

Conversions Part 2

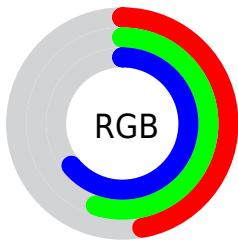
Format	Color
R_{YB}	120, 134, 163
Decimal	7900323
CIE _{Lab}	57.46, -1.76, -14.53
CIE _{LCh}	57, 14.639, 263.079
Yxy	25.3936, 0.2715, 0.2904
Android (android.graphics.Color)	4286090403 (0xFF788CA3)
YUV	136.6420, 12.9945, -14.5950
Hunter-Lab	50.3921, -4.1125, -9.7893

Details

The XYZ color **23.7347, 25.3936, 38.3008** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3172, 28.7877, 21.8341**, and the grayscale version is **23.6013, 24.8304, 27.0403**.

A 20% lighter version of the original color is **48.9584, 52.0861, 73.8029**, and **9.0512, 9.7621, 16.4462** is the 20% darker color. If you saturate the color by 10%, you get **20.4399, 21.8788, 37.7965**, and if you desaturate by 10%, it is **27.5168, 29.3107, 38.8580**.

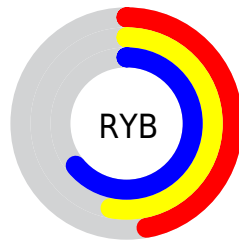
Distribution



Red (47%)

Green (55%)

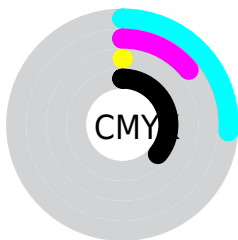
Blue (64%)



Red (47%)

Yellow (53%)

Blue (64%)

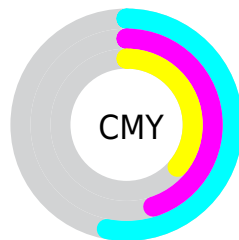


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7347, 25.3936, 38.3008 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 23.7347, 25.3936, 38.3008 by changing the saturation by 10% instead.

■ 23.7347, 25.3936,
38.3008

■ 23.7347, 25.3936,
38.3008

263.9419,
279.7925, 354.2454

■ 15.2606, 16.3705,
25.9126

■ 49.0548, 52.2950,
73.7775

■ 9.0900, 9.7867,
16.5331

■ 66.6314, 70.9422,
97.7030

■ 4.8575, 5.2578,
9.7437

■ 87.9730, 93.5662,
126.3115

■ 2.1978, 2.3993,
5.1260

113.4448,
120.5514, 160.0213

■ 0.7416, 0.8255,
2.2613

143.4123,
152.2823, 199.2510

■ 0.0000, 0.0000,
0.7094

178.2407,

■ 0.0000, 0.0000,

189.1431, 244.4193

0.0000

218.2955,
231.5184, 295.9445

■ 23.7347, 25.3936,
38.3008

■ 23.7347, 25.3936,
38.3008

■ 20.4399, 21.8788,
37.7965

■ 27.5168, 29.3107,
38.8580

■ 17.6084, 18.7486,
37.3415

■ 31.8043, 33.6409,
39.4678

■ 15.2172, 15.9883,
36.9347

■ 36.6171, 38.3983,
40.1324

■ 13.2405, 13.5807,
36.5742

■ 41.9732, 43.5954,
40.8533

■ 11.6495, 11.5072,
36.2578

■ 47.8899, 49.2441,
41.6317

■ 10.4109, 9.7465,
35.9833

■ 54.3836, 55.3558,
42.4691

■ 9.4790, 8.2709,
35.7476

■ 61.4701, 61.9415,
43.3668

■ 9.1829, 7.7884,
35.6700

■ 69.1643, 69.0118,
44.3260

■ 73.0435, 74.2894,
45.1402

Harmonies

Analogous

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



22.1802, 25.3936, 36.0443



23.7347, 25.3936, 38.3008



25.4721, 25.3936, 37.4406

Triad

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



23.7347, 25.3936, 38.3008



27.3485, 25.3936, 24.0587



21.5572, 25.3936, 22.2806

Complementary

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



23.7347, 25.3936, 38.3008



28.3172, 28.7877, 21.8341

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.



22.8472, 25.3936, 19.7338



23.7347, 25.3936, 38.3008



26.2032, 25.3936, 20.6709

Square

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



23.7347, 25.3936, 38.3008



27.6140, 25.3936, 28.8208



24.5415, 25.3936, 19.1820



20.9628, 25.3936, 26.5100

Rectangle

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



23.7347, 25.3936, 38.3008



26.4953, 25.3936, 35.2600



24.5415, 25.3936, 19.1820



21.9208, 25.3936, 21.2211

Sweetspot

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



23.7355, 25.3946, 38.3014



55.5326, 58.8207, 70.4828



25.7964, 32.1691, 30.8104



12.2140, 12.9514, 15.7936



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.7355, 25.3946, 38.3014



38.7404, 41.4839, 68.0215



21.2740, 20.1744, 37.4235



6.9593, 7.3776, 8.9603



7.1814, 6.1422, 27.7369



0.1981, 0.2234, 0.5985

Inverse Universe

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



26.5550, 23.1136, 27.8738



44.7918, 36.9799, 45.5539



31.3002, 35.1870, 22.9121



7.2044, 7.1382, 8.0630



12.7703, 6.4642, 5.9811



0.2921, 0.1454, 0.2511

Previews

White Background



This preview shows how the XYZ color 23.7347, 25.3936, 38.3008 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 23.7347, 25.3936, 38.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

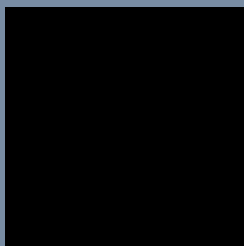
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

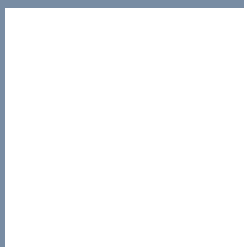
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7347, 25.3936, 38.3008

Background



This preview shows how black text looks on a background with the XYZ color 23.7347, 25.3936, 38.3008.



This preview shows how white text looks on a background with the XYZ color 23.7347, 25.3936,

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

23.7347, 25.3936, 38.3008

Protanopia

25.0515, 25.4511, 37.3104

Deuteranopia

25.8460, 25.4116, 38.6646



Tritanopia

22.8940, 25.4975, 33.8519

Trichromacy



Original Color

23.7347, 25.3936, 38.3008

Protanomaly

24.5122, 25.3748, 37.7883

Deuteranomaly

25.0066, 25.3970, 38.7061

Tritanomaly

23.2184, 25.4060, 35.5784

Monochromacy



Original Color

23.7347, 25.3936, 38.3008

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6369, 25.0776, 30.7888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7347, 25.3936, 38.3008 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(120, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(120, 140, 163)  
}
```

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(120, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 140, 163) }
```

Border

The CSS property to change the border of an element to XYZ 23.7347, 25.3936, 38.3008 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(120, 140, 163) }
```


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

```
.border{ border-color:rgb(120, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 140, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 140, 163); box-shadow:4px 4px 4px 4px rgb(120, 140, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7347, 25.3936, 38.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 140, 163) }
```

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

```
.background{ background-color: rgb(120,  
140, 163) }
```

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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