

Converting Colors

XYZ(20.8350, 23.6197, 28.3686)

Have a look what the booklet for
XYZ(20.8350, 23.6197, 28.3686)
contains.

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Color

**XYZ(20.8923, 23.7152,
28.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	738A8C
RGB	115, 138, 140
RGB Percent	45%, 54%, 55%
CMY	0.5490, 0.4588, 0.4510
CMYK	0.18, 0.01, 0.00, 0.45
HSL	185°, 10%, 50%
HSV	185°, 18%, 55%
XYZ	20.8923, 23.7152, 28.2873
YIQ	131.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

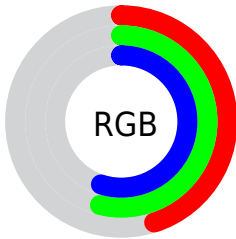
Format	Color
R _Y B	115, 127, 140
Decimal	7572108
CIE Lab	55.80, -7.74, -3.82
CIE LCh	56, 8.628, 206.286
Yxy	23.7152, 0.2866, 0.3253
Android (android.graphics.Color)	4285762188 (0xFF738A8C)
YUV	131.3510, 4.2640, -14.3398
Hunter-Lab	48.6983, -8.6427, -0.3509

Details

The XYZ color **20.8923, 23.7152, 28.2873** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2712, 19.5358, 18.9224**, and the grayscale version is **21.6883, 22.8178, 24.8486**.

A 20% lighter version of the original color is **44.3048, 49.3721, 58.2336**, and **7.5820, 8.8759, 10.9865** is the 20% darker color. If you saturate the color by 10%, you get **19.0298, 22.5186, 28.1549**, and if you desaturate by 10%, it is **23.0374, 25.0613, 28.4344**.

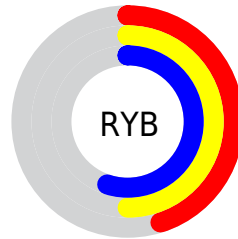
Distribution



Red (45%)

Green (54%)

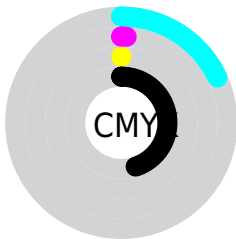
Blue (55%)



Red (45%)

Yellow (50%)

Blue (55%)

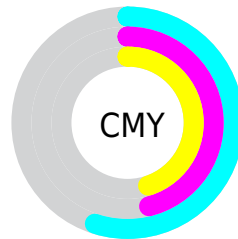


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8923, 23.7152, 28.2873 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 20.8923, 23.7152, 28.2873 by changing the saturation by 10% instead.

■ 20.8923, 23.7152,
28.2873

■ 20.8923, 23.7152,
28.2873

249.4481,
271.3774, 307.7922

■ 13.1573, 15.1225,
18.3014

■ 44.4009, 49.5650,
57.9714

■ 7.6147, 8.9054,
10.9949

■ 60.9051, 67.5910,
78.5067

■ 3.8991, 4.6795,
5.9493

■ 81.0632, 89.5301,
103.3956

■ 1.6452, 2.0605,
2.7460

105.2404,
115.7668, 133.0566

■ 0.4216, 0.6423,
0.9664

133.8022,
146.6855, 167.9082

■ 0.0000, 0.0000,
0.0000

167.1138,

182.6706, 208.3690

205.5407,
224.1064, 254.8575

■ 20.8923, 23.7152,
28.2873

■ 20.8923, 23.7152,
28.2873

■ 19.0298, 22.5186,
28.1549

■ 23.0374, 25.0613,
28.4344

■ 17.4354, 21.4619,
28.0350

■ 25.4750, 26.5599,
28.5952

■ 16.0961, 20.5393,
27.9275

■ 28.2167, 28.2178,
28.7707

■ 14.9972, 19.7430,
27.8317

■ 31.2731, 30.0404,
28.9614

■ 14.1226, 19.0647,
27.7469

■ 34.6542, 32.0329,
29.1678

■ 13.4539, 18.4951,
27.6721

■ 38.3696, 34.2002,
29.3903

■ 12.9701, 18.0231,
27.6065

■ 42.4285, 36.5471,
29.6294

■ 12.6282, 17.6268,
27.5481

■ 46.8396, 39.0781,
29.8854

■ 12.5591, 17.5442,
27.5358

■ 51.6116, 41.7976,
30.1589

Harmonies

Analogous

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



20.7113, 23.7152, 25.4737



20.8923, 23.7152, 28.2873



21.5104, 23.7152, 30.5781

Triad

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



20.8923, 23.7152, 28.2873



24.1453, 23.7152, 28.9358



22.6629, 23.7152, 20.8003

Complementary

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



20.8923, 23.7152, 28.2873



20.2712, 19.5358, 18.9224

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.



23.6032, 23.7152, 21.5863



20.8923, 23.7152, 28.2873



24.4746, 23.7152, 26.1731

Square

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



20.8923, 23.7152, 28.2873



23.3858, 23.7152, 30.9711



24.2734, 23.7152, 23.5039



21.7160, 23.7152, 21.2774

Rectangle

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



20.8923, 23.7152, 28.2873



22.0966, 23.7152, 31.4299



24.2734, 23.7152, 23.5039



22.9904, 23.7152, 20.9240

Sweetspot

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



20.8930, 23.7162, 28.2878



41.7456, 44.8831, 50.2060



19.6400, 23.6779, 20.2626



9.5596, 10.3054, 11.5647



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.8930, 23.7162, 28.2878



35.6010, 41.0257, 49.7853



19.2438, 20.4178, 27.7381



5.1392, 5.6214, 6.4200



11.1658, 15.6019, 24.4686



0.0789, 0.1130, 0.1641

Inverse Universe

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



21.5339, 19.6724, 26.7080



36.9317, 32.6984, 46.4902



21.7824, 22.5581, 19.4262



5.2169, 5.1222, 6.2306



13.1228, 6.3592, 18.9487



0.0895, 0.0432, 0.1384

Previews

White Background



This preview shows how the XYZ color 20.8923, 23.7152, 28.2873 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 20.8923, 23.7152, 28.2873 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

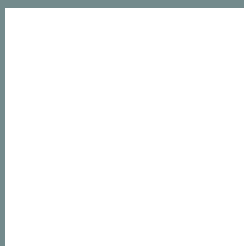
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8923, 23.7152, 28.2873

Background



This preview shows how black text looks on a background with the XYZ color 20.8923, 23.7152, 28.2873.



This preview shows how white text looks on a background with the XYZ color 20.8923, 23.7152,

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

20.8923, 23.7152, 28.2873

Protanopia

22.8946, 23.7321, 27.0410

Deuteranopia

24.1928, 23.7579, 28.9018



Tritanopia

21.4934, 23.7424, 31.4669

Trichromacy



Original Color

20.8923, 23.7152, 28.2873

Protanomaly

22.1535, 23.7521, 27.4618

Deuteranomaly

22.8681, 23.6847, 28.5656

Tritanomaly

21.2590, 23.6487, 30.2322

Monochromacy



Original Color

20.8923, 23.7152, 28.2873

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2856, 23.1314, 25.8972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8923, 23.7152, 28.2873 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(115, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(115, 138, 140)  
}
```

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(115, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 138, 140) }
```

Border

The CSS property to change the border of an element to XYZ 20.8923, 23.7152, 28.2873 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(115, 138, 140) }
```


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

```
.border{ border-color:rgb(115, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(115, 138,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8923, 23.7152, 28.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 138, 140) }
```

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

```
.background{ background-color: rgb(115,  
138, 140) }
```

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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