

Converting Colors

XYZ(20.2093, 23.7427, 11.1071)

Have a look what the booklet for
XYZ(20.2093, 23.7427, 11.1071)
contains.

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Color

**XYZ(20.2093, 23.7427,
11.1071)**

Conversions

Conversions Part 1

Format	Color
Hex	858A50
RGB	133, 138, 80
RGB Percent	52%, 54%, 31%
CMY	0.4784, 0.4588, 0.6863
CMYK	0.04, 0.00, 0.42, 0.46
HSL	65°, 27%, 43%
HSV	65°, 42%, 54%
XYZ	20.2093, 23.7427, 11.1071
YIQ	129.8930, 15.6380, -19.0980

Conversions

Conversions Part 2

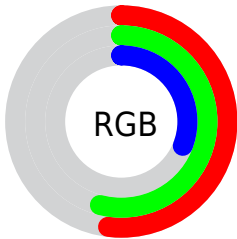
Format	Color
R_{YB}	80, 138, 85
Decimal	8751696
CIE Lab	55.83, -11.18, 30.39
CIE LCh	56, 32.385, 110.195
Yxy	23.7427, 0.3670, 0.4312
Android (android.graphics.Color)	4286941776 (0xFF858A50)
YUV	129.8930, -24.5972, 2.7248
Hunter-Lab	48.7265, -11.2385, 20.5935

Details

The XYZ color **20.2093, 23.7427, 11.1071** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.2033, 9.5042, 25.2902**, and the grayscale version is **21.2611, 22.3683, 24.3591**.

A 20% lighter version of the original color is **43.1536, 49.4381, 28.3872**, and **7.2439, 8.8831, 2.7717** is the 20% darker color. If you saturate the color by 10%, you get **19.5642, 23.4639, 8.6833**, and if you desaturate by 10%, it is **20.9624, 24.0666, 14.0837**.

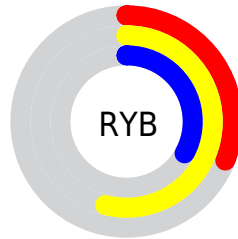
Distribution



Red (52%)

Green (54%)

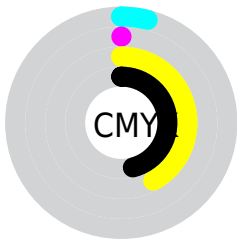
Blue (31%)



Red (31%)

Yellow (54%)

Blue (33%)

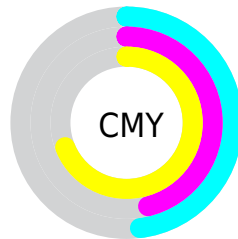


Cyan (4%)

Magenta (0%)

Yellow (42%)

Black (46%)



Cyan (48%)

Magenta (46%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2093, 23.7427, 11.1071 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 20.2093, 23.7427, 11.1071 by changing the saturation by 10% instead.

■ 20.2093, 23.7427,
11.1071

■ 20.2093, 23.7427,
11.1071

■ 245.8580,
271.5171, 209.1646

■ 12.6564, 15.1429,
6.0238

■ 43.2691, 49.6100,
28.4977

■ 7.2677, 8.9197,
2.7906

■ 59.5067, 67.6462,
41.6421

■ 3.6779, 4.6889,
0.9887

■ 79.3699, 89.5968,
58.3107

■ 1.5216, 2.0659,
0.0000

■ 103.2242,
115.8459, 78.9220

■ 0.3405, 0.6453,
0.0000

■ 131.4347,
146.7782, 103.8945

■ 0.0000, 0.0000,
0.0000

164.3670,

182.7778, 133.6467

202.3863,
224.2293, 168.5972

■ 20.2093, 23.7427,
11.1071

■ 20.2093, 23.7427,
11.1071

■ 19.5642, 23.4639,
8.6833

■ 20.9624, 24.0666,
14.0837

■ 19.0190, 23.2245,
6.7767

■ 21.8278, 24.4349,
17.6427

■ 18.5671, 23.0226,
5.3502

■ 22.8114, 24.8506,
21.8133

■ 18.2002, 22.8550,
4.3607

■ 23.9184, 25.3160,
26.6226

■ 17.9088, 22.7178,
3.7577

■ 25.1537, 25.8330,
32.0958

■ 17.7076, 22.6211,
3.4330

■ 26.5217, 26.4033,
38.2568

■ 28.0268, 27.0286,
45.1284

■ 29.6731, 27.7108,
52.7323

■ 31.4646, 28.4512,
61.0891

Harmonies

Analogous

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



23.7943, 23.7427, 10.5746



20.2093, 23.7427, 11.1071



17.5520, 23.7427, 14.9208

Triad

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



20.2093, 23.7427, 11.1071



18.3302, 23.7427, 44.7715



30.2887, 23.7427, 29.4615

Complementary

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



20.2093, 23.7427, 11.1071



11.2033, 9.5042, 25.2902

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.



28.4557, 23.7427, 41.1297



20.2093, 23.7427, 11.1071



21.3822, 23.7427, 51.4281

Square

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



20.2093, 23.7427, 11.1071



16.5517, 23.7427, 33.5041



25.1007, 23.7427, 49.9391



29.8866, 23.7427, 19.4635

Rectangle

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



20.2093, 23.7427, 11.1071



16.5383, 23.7427, 19.5711



25.1007, 23.7427, 49.9391



29.9065, 23.7427, 33.3500

Sweetspot

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



20.2099, 23.7438, 11.1076



39.9786, 43.7049, 37.4692



15.1654, 12.4539, 9.1943



8.8884, 9.7696, 8.0685



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.2099, 23.7438, 11.1076



34.5849, 41.4011, 15.6747



16.2656, 21.7104, 10.9230



5.3892, 5.8234, 5.3924



16.2405, 20.7423, 3.1477



0.1137, 0.1408, 0.0212

Inverse Universe

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



11.2033, 9.5042, 25.2902



16.6038, 12.9595, 44.0095



14.3747, 11.1391, 25.4386



4.8121, 4.9116, 6.3002



4.3499, 1.7566, 22.1555



0.0334, 0.0140, 0.1474

Previews

White Background



This preview shows how the XYZ color 20.2093, 23.7427, 11.1071 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 20.2093, 23.7427, 11.1071 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 20.2093, 23.7427, 11.1071

Background



This preview shows how black text looks on a background with the XYZ color 20.2093, 23.7427, 11.1071.



This preview shows how white text looks on a background with the XYZ color 20.2093, 23.7427,

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

20.2093, 23.7427, 11.1071

Protanopia

21.7543, 23.7112, 10.6379

Deuteranopia

24.1425, 23.7289, 11.2903



Tritanopia

23.7392, 23.7311, 28.5287

Trichromacy



Original Color

20.2093, 23.7427, 11.1071

Protanomaly

21.0598, 23.5552, 10.8338

Deuteranomaly

22.4990, 23.6759, 11.1687

Tritanomaly

22.1714, 23.7005, 20.8589

Monochromacy



Original Color

20.2093, 23.7427, 11.1071

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.6722, 22.7702, 18.6348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2093, 23.7427, 11.1071 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(133, 138, 80)` looks like.

```
.text, #text, p{  
    color:rgb(133, 138, 80)  
}
```

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(133, 138, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 138, 80) }
```

Border

The CSS property to change the border of an element to XYZ 20.2093, 23.7427, 11.1071 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(133, 138, 80) }
```


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

```
.border{ border-color:rgb(133, 138, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 138, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 138, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 138, 80);  
box-shadow:4px 4px 4px 4px rgb(133, 138,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2093, 23.7427, 11.1071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 138, 80) }
```

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

```
.background{ background-color: rgb(133,  
138, 80) }
```

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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