

Converting Colors

XYZ(20.6088, 23.7855, 8.8171)

Have a look what the booklet for
XYZ(20.6088, 23.7855, 8.8171)
contains.

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Color

**XYZ(20.6062, 23.7855,
8.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8943
RGB	139, 137, 67
RGB Percent	55%, 54%, 26%
CMY	0.4549, 0.4627, 0.7372
CMYK	0.00, 0.01, 0.52, 0.45
HSL	58°, 35%, 40%
HSV	58°, 52%, 55%
XYZ	20.6062, 23.7855, 8.8152
YIQ	129.6180, 23.6620, -21.3460

Conversions

Conversions Part 2

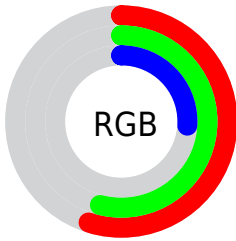
Format	Color
RYB	69, 139, 67
Decimal	9144643
CIELab	55.87, -9.42, 37.40
CIELCh	56, 38.566, 104.145
Yxy	23.7855, 0.3873, 0.4470
Android (android.graphics.Color)	4287334723 (0xFF8B8943)
YUV	129.6180, -30.8707, 8.2280
Hunter-Lab	48.7704, -9.9293, 23.4227

Details

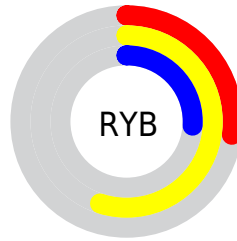
The XYZ color **20.6062, 23.7855, 8.8152** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.1030, 7.3134, 25.3578**, and the grayscale version is **21.1833, 22.2865, 24.2700**.

A 20% lighter version of the original color is **43.8725, 49.5806, 24.0873**, and **7.4479, 8.8863, 1.8949** is the 20% darker color. If you saturate the color by 10%, you get **20.1839, 23.5299, 6.8584**, and if you desaturate by 10%, it is **21.1300, 24.0837, 11.3003**.

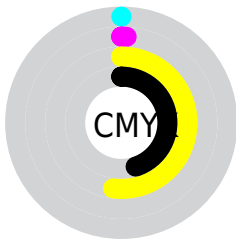
Distribution



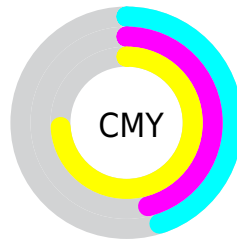
- Red (55%)
- Green (54%)
- Blue (26%)



- Red (27%)
- Yellow (55%)
- Blue (26%)



- Cyan (0%)
- Magenta (1%)
- Yellow (52%)
- Black (45%)



- Cyan (45%)
- Magenta (46%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6062, 23.7855, 8.8152 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 20.6062, 23.7855, 8.8152 by changing the saturation by 10% instead.

■ 20.6062, 23.7855,
8.8152

■ 20.6062, 23.7855,
8.8152

247.9497,
271.7342, 192.1603

■ 12.9473, 15.1746,
4.5257

■ 43.9274, 49.6799,
24.1138

■ 7.4690, 8.9420,
1.9179

■ 60.3205, 67.7323,
35.9599

■ 3.8060, 4.7034,
0.5041

■ 80.3556, 89.7005,
51.1619

■ 1.5930, 2.0743,
0.0000

■ 104.3981,
115.9690, 70.1385

■ 0.3878, 0.6501,
0.0000

■ 132.8134,
146.9223, 93.3080

■ 0.0000, 0.0000,
0.0000

165.9669,

182.9446, 121.0892

204.2239,
224.4205, 153.9004

■ 20.6062, 23.7855,
8.8152

■ 20.6062, 23.7855,
8.8152

■ 20.1839, 23.5299,
6.8584

■ 21.1300, 24.0837,
11.3003

■ 19.8540, 23.3108,
5.3901

■ 21.7601, 24.4238,
14.3467

■ 19.6089, 23.1259,
4.3671

■ 22.5031, 24.8095,
17.9867

■ 19.4388, 22.9713,
3.7383

■ 23.3645, 25.2428,
22.2494

■ 19.3318, 22.8578,
3.3931

■ 24.3496, 25.7259,
27.1622

■ 25.4632, 26.2607,
32.7509

■ 26.7100, 26.8491,
39.0396

■ 28.0943, 27.4928,
46.0517

■ 29.6202, 28.1935,
53.8090

Harmonies

Analogous

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



24.9934, 23.7855, 8.9066



20.6062, 23.7855, 8.8152



17.2220, 23.7855, 12.1335

Triad

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



20.6062, 23.7855, 8.8152



17.0739, 23.7855, 46.6540



31.7409, 23.7855, 33.0822

Complementary

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



20.6062, 23.7855, 8.8152



9.1030, 7.3134, 25.3578

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.



29.0125, 23.7855, 47.4135



20.6062, 23.7855, 8.8152



20.3783, 23.7855, 56.8181

Square

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



20.6062, 23.7855, 8.8152



15.3688, 23.7855, 32.2685



24.7342, 23.7855, 57.1340



31.8227, 23.7855, 20.4272

Rectangle

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



20.6062, 23.7855, 8.8152



15.8288, 23.7855, 16.7198



24.7342, 23.7855, 57.1340



31.0884, 23.7855, 37.9394

Sweetspot

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



20.6068, 23.7866, 8.8157



41.1132, 44.8418, 36.2294



13.7414, 9.9382, 6.8899



9.4100, 10.3007, 8.0343



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.



20.6068, 23.7866, 8.8157



36.0439, 42.0732, 11.8188



16.1186, 21.8980, 8.6877



5.4194, 5.8216, 5.3904



17.4501, 20.6346, 3.0632



0.1177, 0.1406, 0.0209

Inverse Universe

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



9.1030, 7.3134, 25.3578



13.0972, 9.2193, 44.8322



11.9897, 8.6223, 25.4583



4.7851, 4.9130, 6.3020



4.2459, 1.7622, 22.1620



0.0295, 0.0142, 0.1476

Previews

White Background



This preview shows how the XYZ color 20.6062, 23.7855, 8.8152 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 20.6062, 23.7855, 8.8152 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 20.6062, 23.7855, 8.8152

Background



This preview shows how black text looks on a background with the XYZ color 20.6062, 23.7855, 8.8152.



This preview shows how white text looks on a background with the XYZ color 20.6062, 23.7855,

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

20.6062, 23.7855, 8.8152

Protanopia

21.7212, 23.7394, 8.5916

Deuteranopia

24.1032, 23.7605, 8.9461



Tritanopia

24.3645, 23.6756, 27.7118

Trichromacy



Original Color

20.6062, 23.7855, 8.8152

Protanomaly

21.3244, 23.7410, 8.6128

Deuteranomaly

22.6773, 23.6185, 8.8325

Tritanomaly

22.5596, 23.5344, 18.9764

Monochromacy



Original Color

20.6062, 23.7855, 8.8152

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.7142, 22.8231, 17.2235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6062, 23.7855, 8.8152 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(139, 137, 67)` looks like.

```
.text, #text, p{  
    color:rgb(139, 137, 67)  
}
```

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(139, 137, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 137, 67) }
```

Border

The CSS property to change the border of an element to XYZ 20.6062, 23.7855, 8.8152 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(139, 137, 67) }
```


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

```
.border{ border-color:rgb(139, 137, 67) }
```

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

Here you see how a box with a 4 pixel rgb(139, 137, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 137, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 137, 67);  
box-shadow:4px 4px 4px 4px rgb(139, 137,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6062, 23.7855, 8.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 137, 67) }
```

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

```
.background{ background-color: rgb(139,  
137, 67) }
```

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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