

Converting Colors

XYZ(20.5707, 13.5265, 8.1833)

Have a look what the booklet for
XYZ(20.5707, 13.5265, 8.1833)
contains.

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Color

**XYZ(20.5707, 13.5265,
8.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	AD444B
RGB	173, 68, 75
RGB Percent	68%, 27%, 29%
CMY	0.3216, 0.7333, 0.7059
CMYK	0.00, 0.61, 0.57, 0.32
HSL	356°, 44%, 47%
HSV	356°, 61%, 68%
XYZ	20.5707, 13.5265, 8.1833
YIQ	100.1930, 60.3330, 24.4370

Conversions

Conversions Part 2

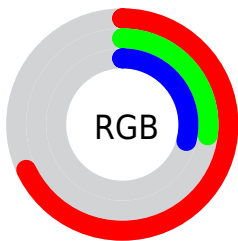
Format	Color
R_{YB}	173, 68, 75
Decimal	11355211
CIE Lab	43.55, 43.53, 18.26
CIE LCh	44, 47.209, 22.760
Yxy	13.5265, 0.4865, 0.3199
Android (android.graphics.Color)	4289545291 (0xFFAD444B)
YUV	100.1930, -12.4201, 63.8517
Hunter-Lab	36.7784, 35.4755, 12.5527

Details

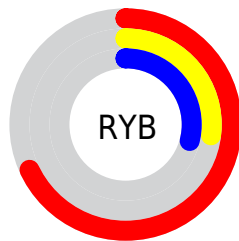
The XYZ color **20.5707, 13.5265, 8.1833** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24.2113, 33.8695, 41.3405**, and the grayscale version is **12.1829, 12.8173, 13.9581**.

A 20% lighter version of the original color is **43.9588, 32.2118, 22.9694**, and **7.4152, 3.9391, 1.6658** is the 20% darker color. If you saturate the color by 10%, you get **19.1901, 11.5405, 5.3338**, and if you desaturate by 10%, it is **22.4009, 16.1875, 11.8749**.

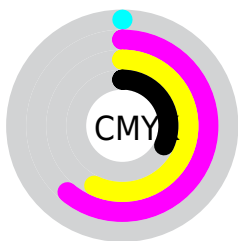
Distribution



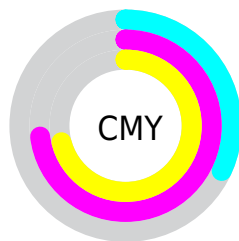
- Red (68%)
- Green (27%)
- Blue (29%)



- Red (68%)
- Yellow (27%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (57%)
- Black (32%)



- Cyan (32%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5707, 13.5265, 8.1833 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 20.5707, 13.5265, 8.1833 by changing the saturation by 10% instead.

■ 20.5707, 13.5265,
8.1833

■ 20.5707, 13.5265,
8.1833

247.7632,
214.2649, 187.1507

■ 12.9212, 7.7921,
4.1230

■ 43.8686, 32.2465,
22.8691

■ 7.4510, 3.9622,
1.6931

■ 60.2478, 46.0008,
34.3317

■ 3.7945, 1.6524,
0.3560

■ 80.2676, 63.1973,
49.0987

■ 1.5865, 0.3926,
0.0000

■ 104.2934, 84.2202,
67.5889

■ 0.3836, 0.0000,
0.0000

■ 132.6905,
109.4541, 90.2206

■ 0.0000, 0.0000,
0.0000

165.8242,

139.2832, 117.4124

204.0600,
174.0920, 149.5830

■ 20.5707, 13.5265,
8.1833

■ 20.5707, 13.5265,
8.1833

■ 19.1901, 11.5405,
5.3338

■ 22.4009, 16.1875,
11.8749

■ 18.2194, 10.1669,
3.2594

■ 24.7141, 19.5744,
16.4673

■ 17.6131, 9.3350,
1.8838

■ 27.5417, 23.7358,
22.0146

■ 17.2970, 8.9096,
1.1408

■ 30.9120, 28.7157,
28.5665

■ 34.8515, 34.5544,
36.1692

■ 39.3846, 41.2898,
44.8662

■ 44.5347, 48.9574,
54.6983

■ 50.3235, 57.5910,
65.7044

■ 56.7721, 67.2225,
77.9215

Harmonies

Analogous

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



21.2565, 13.5265, 17.4400



20.5707, 13.5265, 8.1833



17.6453, 13.5265, 3.7520

Triad

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



20.5707, 13.5265, 8.1833



7.9954, 13.5265, 5.5369



11.9830, 13.5265, 45.4757

Complementary

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



20.5707, 13.5265, 8.1833



24.2113, 33.8695, 41.3405

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.



9.0235, 13.5265, 37.5465



20.5707, 13.5265, 8.1833



7.0249, 13.5265, 12.3130

Square

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



20.5707, 13.5265, 8.1833



10.3027, 13.5265, 2.8141



7.3615, 13.5265, 24.0694



15.8010, 13.5265, 42.5307

Rectangle

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



20.5707, 13.5265, 8.1833



15.0758, 13.5265, 2.5979



7.3615, 13.5265, 24.0694



10.8665, 13.5265, 43.9021

Sweetspot

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



20.5710, 13.5272, 8.1835



56.9442, 53.7705, 54.2222



25.3362, 15.2592, 41.1449



11.9676, 11.0821, 10.9948



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



20.5710, 13.5272, 8.1835



33.6649, 19.6663, 8.0674



24.2385, 21.2246, 8.2891



8.0261, 8.0237, 8.4482



12.7156, 6.5488, 0.8816



0.3606, 0.1849, 0.0606

Inverse Universe

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



20.5710, 13.5272, 8.1835



33.6649, 19.6663, 8.0674



17.5816, 19.5552, 42.3828



8.0261, 8.0237, 8.4482



12.7156, 6.5488, 0.8816



0.3606, 0.1849, 0.0606

Previews

White Background



This preview shows how the XYZ color 20.5707, 13.5265, 8.1833 looks on a white background.

Color Contrast Check

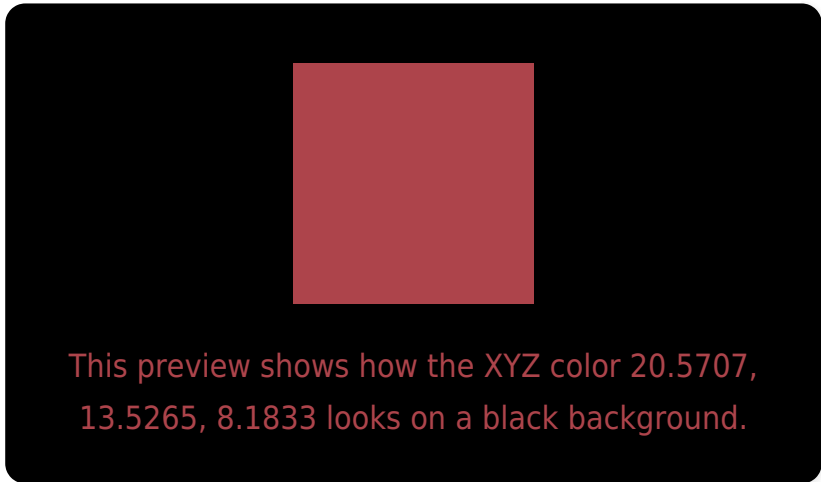
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 20.5707, 13.5265, 8.1833

Background



This preview shows how black text looks on a background with the XYZ color 20.5707, 13.5265, 8.1833.



This preview shows how white text looks on a background with the XYZ color 20.5707, 13.5265,

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

20.5707, 13.5265, 8.1833

Protanopia

12.9229, 13.6440, 11.8500

Deuteranopia

13.8795, 13.6510, 7.6977



Tritanopia

20.5033, 13.4995, 7.8284

Trichromacy



Original Color

20.5707, 13.5265, 8.1833

Protanomaly

14.8116, 12.8737, 10.2986

Deuteranomaly

15.8148, 13.1981, 7.8449

Tritanomaly

20.5367, 13.5129, 8.0044

Monochromacy



Original Color

20.5707, 13.5265, 8.1833

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.1304, 12.2468, 11.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5707, 13.5265, 8.1833 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(173, 68, 75)` looks like.

```
.text, #text, p{  
    color:rgb(173, 68, 75)  
}
```

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(173, 68, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 68, 75) }
```

Border

The CSS property to change the border of an element to XYZ 20.5707, 13.5265, 8.1833 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(173, 68, 75) }
```


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

```
.border{ border-color:rgb(173, 68, 75) }
```

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

Here you see how a box with a 4 pixel rgb(173, 68, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 68, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 68, 75);  
box-shadow:4px 4px 4px 4px rgb(173, 68,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5707, 13.5265, 8.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 68, 75) }
```

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

```
.background{ background-color: rgb(173, 68,  
75) }
```

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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