

Converting Colors

XYZ(20.8659, 14.5603, 5.9685)

Have a look what the booklet for
XYZ(20.8659, 14.5603, 5.9685)
contains.

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Color

**XYZ(20.9250, 14.6327,
5.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4D3C
RGB	174, 77, 60
RGB Percent	68%, 30%, 24%
CMY	0.3177, 0.6980, 0.7647
CMYK	0.00, 0.56, 0.66, 0.32
HSL	9°, 49%, 46%
HSV	9°, 66%, 68%
XYZ	20.9250, 14.6327, 5.9965
YIQ	104.0650, 63.2690, 15.2770

Conversions

Conversions Part 2

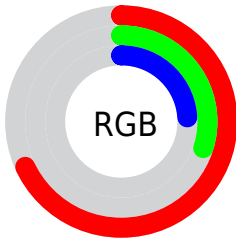
Format	Color
RYB	174, 80, 60
Decimal	11423036
CIELab	45.13, 38.43, 29.30
CIElCh	45, 48.327, 37.320
Yxy	14.6327, 0.5036, 0.3521
Android (android.graphics.Color)	4289613116 (0xFFAE4D3C)
YUV	104.0650, -21.7240, 61.3330
Hunter-Lab	38.2527, 30.7008, 17.4826

Details

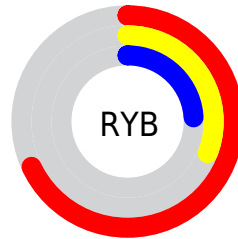
The XYZ color **20.9250, 14.6327, 5.9965** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.5593, 28.1284, 44.3370**, and the grayscale version is **13.2205, 13.9090, 15.1469**.

A 20% lighter version of the original color is **44.4887, 34.2756, 18.4584**, and **7.6730, 4.4923, 0.9930** is the 20% darker color. If you saturate the color by 10%, you get **19.6178, 12.6374, 3.6526**, and if you desaturate by 10%, it is **22.6199, 17.1616, 9.2159**.

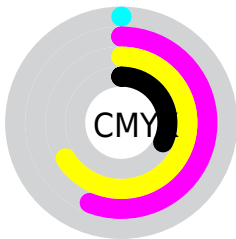
Distribution



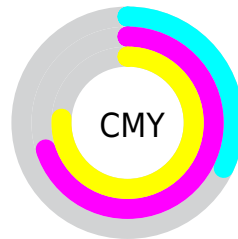
- Red (68%)
- Green (30%)
- Blue (24%)



- Red (68%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (56%)
- Yellow (66%)
- Black (32%)





- Cyan (32%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9250, 14.6327, 5.9965 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 20.9250, 14.6327, 5.9965 by changing the saturation by 10% instead.


 20.9250, 14.6327,
5.9965


 20.9250, 14.6327,
5.9965


249.6189,
221.1322, 168.3449


 13.1813, 8.5620,
2.7742


 44.4549, 34.2075,
18.4012


 7.6314, 4.4566,
0.9805


 60.9718, 48.4805,
28.4206


 3.9098, 1.9321,
0.0000

 81.1439, 66.2563,
41.5429

 1.6512, 0.5676,
0.0000

 105.3365, 87.9193,
58.1864

 0.4255, 0.0000,
0.0000

 133.9149,
113.8541, 78.7699

 0.0000, 0.0000,
0.0000

 167.2446,

144.4448, 103.7118

205.6908,
180.0761, 133.4306

■ 20.9250, 14.6327,
5.9965

■ 20.9250, 14.6327,
5.9965

■ 19.6178, 12.6374,
3.6526

■ 22.6199, 17.1616,
9.2159

■ 18.6655, 11.1346,
2.0965

■ 24.7295, 20.2565,
13.3855

■ 18.0308, 10.0810,
1.2195

■ 27.2796, 23.9498,
18.5729

■ 17.8238, 9.7354,
0.9397

■ 30.2936, 28.2710,
24.8390

■ 33.7930, 33.2474,
32.2403

■ 37.7982, 38.9049,
40.8291

■ 42.3283, 45.2679,
50.6545

■ 47.4015, 52.3595,
61.7629

■ 53.0350, 60.2019,
74.1982

Harmonies

Analogous

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



22.9632, 14.6327, 13.3001



20.9250, 14.6327, 5.9965



17.0725, 14.6327, 3.0592

Triad

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



20.9250, 14.6327, 5.9965



7.9744, 14.6327, 8.8876



14.9059, 14.6327, 49.0573

Complementary

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



20.9250, 14.6327, 5.9965



21.5593, 28.1284, 44.3370

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.



11.1608, 14.6327, 45.9177



20.9250, 14.6327, 5.9965



7.6145, 14.6327, 18.8912

Square

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



20.9250, 14.6327, 5.9965



9.7651, 14.6327, 4.0859



8.6664, 14.6327, 33.2565



19.0827, 14.6327, 40.4916

Rectangle

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



20.9250, 14.6327, 5.9965



14.2689, 14.6327, 2.5361



8.6664, 14.6327, 33.2565



13.5531, 14.6327, 49.3853

Sweetspot

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



20.9253, 14.6335, 5.9968



58.1149, 55.7900, 51.7235



25.3119, 14.7266, 34.2181



12.5346, 11.8562, 10.6897



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



20.9253, 14.6335, 5.9968



34.6652, 21.4852, 5.0796



26.5494, 25.8816, 7.8714



8.0981, 8.2010, 8.3695



12.9561, 7.1177, 0.6910



0.3894, 0.2559, 0.0289

Inverse Universe

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



21.5593, 28.1284, 44.3370



35.7628, 47.5667, 79.9333



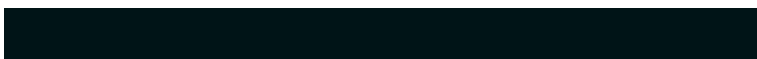
14.2352, 13.4802, 41.8956



8.1330, 8.8654, 10.2352



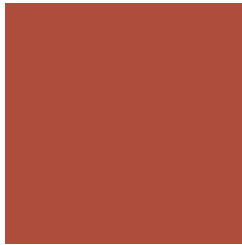
13.2614, 17.6566, 31.7536



0.3960, 0.5454, 0.8924

Previews

White Background



This preview shows how the XYZ color 20.9250, 14.6327, 5.9965 looks on a white background.

Color Contrast Check

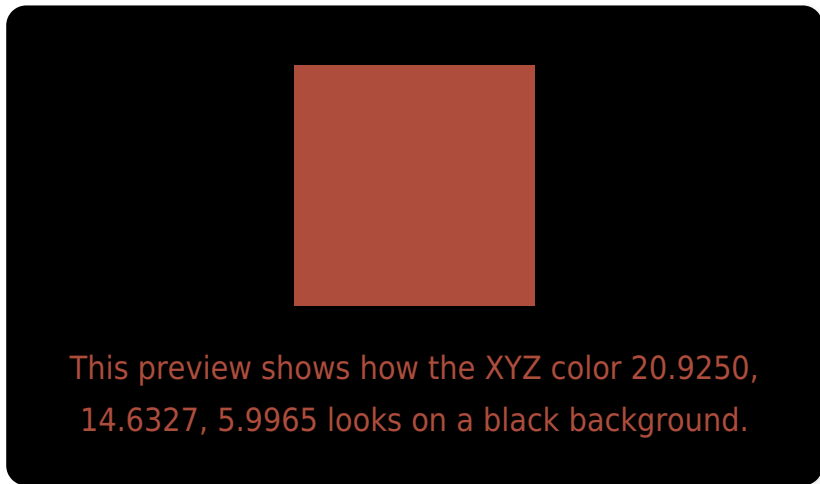
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9250, 14.6327, 5.9965

Background



This preview shows how black text looks on a background with the XYZ color 20.9250, 14.6327, 5.9965.



This preview shows how white text looks on a background with the XYZ color 20.9250, 14.6327,

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

20.9250, 14.6327, 5.9965

Protanopia

13.7311, 14.7522, 8.0850

Deuteranopia

14.9567, 14.6841, 5.6604



Tritanopia

21.5393, 14.5760, 9.0753

Trichromacy



Original Color

20.9250, 14.6327, 5.9965

Protanomaly

15.6772, 14.1743, 7.2198

Deuteranomaly

16.6855, 14.3272, 5.7569

Tritanomaly

21.3650, 14.6140, 7.8256

Monochromacy



Original Color

20.9250, 14.6327, 5.9965

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.8174, 13.3771, 11.0336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9250, 14.6327, 5.9965 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(174, 77, 60)` looks like.

```
.text, #text, p{  
    color:rgb(174, 77, 60)  
}
```

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(174, 77, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 77, 60) }
```

Border

The CSS property to change the border of an element to XYZ 20.9250, 14.6327, 5.9965 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(174, 77, 60) }
```


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

```
.border{ border-color:rgb(174, 77, 60) }
```

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

Here you see how a box with a 4 pixel rgb(174, 77, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 77, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 77, 60);  
box-shadow:4px 4px 4px 4px rgb(174, 77,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9250, 14.6327, 5.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 77, 60) }
```

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

```
.background{ background-color: rgb(174, 77,  
60) }
```

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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