

Converting Colors

XYZ(21.2759, 13.8164, 7.5067)

Have a look what the booklet for
XYZ(21.2759, 13.8164, 7.5067)
contains.

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Color

**XYZ(21.2759, 13.8164,
7.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	B14347
RGB	177, 67, 71
RGB Percent	69%, 26%, 28%
CMY	0.3059, 0.7372, 0.7216
CMYK	0.00, 0.62, 0.60, 0.31
HSL	358°, 45%, 48%
HSV	358°, 62%, 69%
XYZ	21.2759, 13.8164, 7.5067
YIQ	100.3460, 64.2760, 24.5640

Conversions

Conversions Part 2

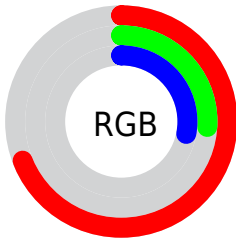
Format	Color
R_{YB}	177, 67, 71
Decimal	11617095
CIE _{Lab}	43.97, 45.10, 21.39
CIE _{LCh}	44, 49.917, 25.367
Yxy	13.8164, 0.4994, 0.3243
Android (android.graphics.Color)	4289807175 (0xFFB14347)
YUV	100.3460, -14.4676, 67.2256
Hunter-Lab	37.1704, 37.1230, 14.0455

Details

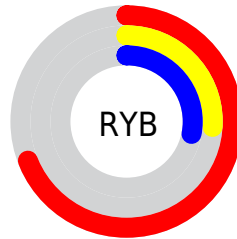
The XYZ color **21.2759, 13.8164, 7.5067** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **25.5807, 35.6549, 45.0722**, and the grayscale version is **12.2265, 12.8633, 14.0081**.

A 20% lighter version of the original color is **44.9713, 32.7694, 21.4076**, and **7.8716, 4.1143, 1.4779** is the 20% darker color. If you saturate the color by 10%, you get **19.9070, 11.8353, 4.7183**, and if you desaturate by 10%, it is **23.1207, 16.5036, 11.2120**.

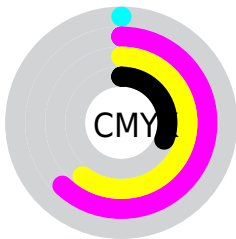
Distribution



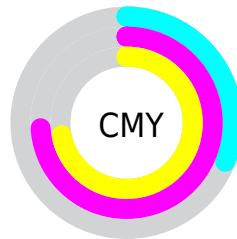
- Red (69%)
- Green (26%)
- Blue (28%)



- Red (69%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (62%)
- Yellow (60%)
- Black (31%)



- Cyan (31%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2759, 13.8164, 7.5067 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 21.2759, 13.8164, 7.5067 by changing the saturation by 10% instead.

■ 21.2759, 13.8164,
7.5067

■ 21.2759, 13.8164,
7.5067

251.4452,
216.0856, 181.5976

■ 13.4394, 7.9931,
3.6977

■ 45.0341, 32.7629,
21.5155

■ 7.8109, 4.0905,
1.4610

■ 61.6865, 46.6549,
32.5525

■ 4.0250, 1.7243,
0.1886

■ 82.0083, 64.0052,
46.8358

■ 1.7163, 0.4393,
0.0000

■ 106.3648, 85.1982,
64.7841

■ 0.4664, 0.0000,
0.0000

■ 135.1214,
110.6184, 86.8159

■ 0.0000, 0.0000,
0.0000

168.6434,

140.6501, 113.3497

207.2962,
175.6777, 144.8041

■ 21.2759, 13.8164,
7.5067

■ 21.2759, 13.8164,
7.5067

■ 19.9070, 11.8353,
4.7183

■ 23.1207, 16.5036,
11.2120

■ 18.9694, 10.4919,
2.7662

■ 25.4785, 19.9523,
15.9040

■ 18.4118, 9.7085,
1.5574

■ 28.3842, 24.2152,
21.6465

■ 18.1665, 9.3611,
1.0339

■ 31.8692, 29.3395,
28.4977

■ 35.9623, 35.3689,
36.5117

■ 40.6908, 42.3441,
45.7389

■ 46.0801, 50.3034,
56.2268

■ 52.1542, 59.2828,
68.0204

■ 58.9359, 69.3167,
81.1623

Harmonies

Analogous

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



22.2685, 13.8164, 16.8732



21.2759, 13.8164, 7.5067



17.9478, 13.8164, 3.2944

Triad

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



21.2759, 13.8164, 7.5067



7.8141, 13.8164, 5.7476



12.5271, 13.8164, 48.8884

Complementary

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



21.2759, 13.8164, 7.5067



25.5807, 35.6549, 45.0722

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.



9.2655, 13.8164, 41.0365



21.2759, 13.8164, 7.5067



6.9149, 13.8164, 13.3515

Square

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



21.2759, 13.8164, 7.5067



10.1349, 13.8164, 2.6955



7.3874, 13.8164, 26.4421



16.6685, 13.8164, 44.5693

Rectangle

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



21.2759, 13.8164, 7.5067



15.1494, 13.8164, 2.2763



7.3874, 13.8164, 26.4421



11.3023, 13.8164, 47.5072

Sweetspot

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



21.2762, 13.8172, 7.5069



59.0306, 55.4223, 54.8688



26.8470, 15.9036, 43.2493



12.3730, 11.3928, 11.0677



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.



21.2762, 13.8172, 7.5069



34.8694, 20.0698, 6.8305



25.4483, 22.3596, 8.2860



8.5084, 8.5101, 8.9099



13.1673, 6.7845, 0.7750



0.4184, 0.2151, 0.0461

Inverse Universe

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



21.2762, 13.8172, 7.5069



34.8694, 20.0698, 6.8305



17.9055, 19.6768, 44.4488



8.5084, 8.5101, 8.9099



13.1673, 6.7845, 0.7750



0.4184, 0.2151, 0.0461

Previews

White Background



This preview shows how the XYZ color 21.2759, 13.8164, 7.5067 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



This preview shows how the XYZ color 21.2759, 13.8164, 7.5067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

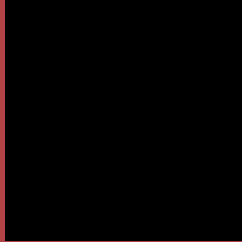
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.2759, 13.8164, 7.5067

Background



This preview shows how black text looks on a background with the XYZ color 21.2759, 13.8164, 7.5067.



This preview shows how white text looks on a background with the XYZ color 21.2759, 13.8164,

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

21.2759, 13.8164, 7.5067

Protanopia

13.1010, 13.9037, 11.0100

Deuteranopia

14.1447, 13.9433, 7.1001



Tritanopia

21.2759, 13.8164, 7.5067

Trichromacy



Original Color

21.2759, 13.8164, 7.5067

Protanomaly

15.0578, 13.1446, 9.5281

Deuteranomaly

16.2102, 13.4165, 7.2041

Tritanomaly

21.2759, 13.8164, 7.5067

Monochromacy



Original Color

21.2759, 13.8164, 7.5067

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.1950, 12.2899, 11.0752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2759, 13.8164, 7.5067 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(177, 67, 71)` looks like.

```
.text, #text, p{  
  color:rgb(177, 67, 71)  
}
```

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(177, 67, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 67, 71) }
```

Border

The CSS property to change the border of an element to XYZ 21.2759, 13.8164, 7.5067 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(177, 67, 71) }
```


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

```
.border{ border-color:rgb(177, 67, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 67, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 67, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 67, 71);  
box-shadow:4px 4px 4px 4px rgb(177, 67,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2759, 13.8164, 7.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 67, 71) }
```

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

```
.background{ background-color: rgb(177, 67,  
71) }
```

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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