

Converting Colors

XYZ(21.0859, 14.9392, 10.3665)

Have a look what the booklet for
XYZ(21.0859, 14.9392, 10.3665)
contains.

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Color

**XYZ(21.0859, 14.9392,
10.3665)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5055
RGB	170, 80, 85
RGB Percent	67%, 31%, 33%
CMY	0.3333, 0.6863, 0.6667
CMYK	0.00, 0.53, 0.50, 0.33
HSL	357°, 36%, 49%
HSV	357°, 53%, 67%
XYZ	21.0859, 14.9392, 10.3665
YIQ	107.4800, 52.0350, 20.6350

Conversions

Conversions Part 2

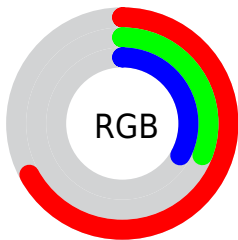
Format	Color
R_{YB}	170, 80, 85
Decimal	11161685
CIE Lab	45.55, 37.38, 14.80
CIE LCh	46, 40.200, 21.598
Yxy	14.9392, 0.4545, 0.3220
Android (android.graphics.Color)	4289351765 (0xFFAA5055)
YUV	107.4800, -11.0826, 54.8300
Hunter-Lab	38.6513, 29.7396, 11.1539

Details

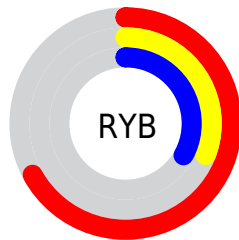
The XYZ color **21.0859, 14.9392, 10.3665** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.4753, 33.1719, 40.7123**, and the grayscale version is **14.1287, 14.8645, 16.1874**.

A 20% lighter version of the original color is **44.9375, 34.9098, 27.2915**, and **7.7618, 4.6093, 2.4881** is the 20% darker color. If you saturate the color by 10%, you get **19.4278, 12.5306, 7.0158**, and if you desaturate by 10%, it is **23.2044, 18.0371, 14.5850**.

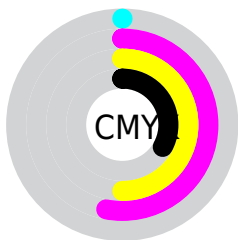
Distribution



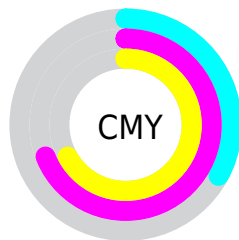
- Red (67%)
- Green (31%)
- Blue (33%)



- Red (67%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (53%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0859, 14.9392, 10.3665 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 21.0859, 14.9392, 10.3665 by changing the saturation by 10% instead.

■ 21.0859, 14.9392,
10.3665

■ 21.0859, 14.9392,
10.3665

250.4577,
222.9979, 203.8471

■ 13.2996, 8.7767,
5.5339

■ 44.7207, 34.7465,
27.1011

■ 7.7136, 4.5958,
2.4996

■ 61.2998, 49.1601,
39.8402

■ 3.9625, 2.0121,
0.8400

■ 81.5407, 67.0928,
56.0518

■ 1.6809, 0.6145,
0.0000

■ 105.8086, 88.9292,
76.1545

■ 0.4443, 0.0000,
0.0000

■ 134.4689,
115.0534, 100.5669

■ 0.0000, 0.0000,
0.0000

167.8870,

145.8501, 129.7074

206.4281,
181.7034, 163.9946

■ 21.0859, 14.9392,
10.3665

■ 21.0859, 14.9392,
10.3665

■ 19.4278, 12.5306,
7.0158

■ 23.2044, 18.0371,
14.5850

■ 18.1947, 10.7564,
4.4719

■ 25.8130, 21.8688,
19.7252

■ 17.3483, 9.5575,
2.6668

■ 28.9399, 26.4781,
25.8373

■ 16.8423, 8.8624,
1.5215

■ 32.6111, 31.9046,
32.9678

■ 16.6292, 8.5667,
1.0481

■ 36.8508, 38.1850,
41.1604

■ 41.6818, 45.3541,
50.4558

■ 47.1255, 53.4445,
60.8930

■ 53.2023, 62.4874,
72.5088

■ 59.9317, 72.5122,
85.3385

Harmonies

Analogous

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



21.5896, 14.9392, 19.1195



21.0859, 14.9392, 10.3665



18.5979, 14.9392, 5.6546

Triad

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



21.0859, 14.9392, 10.3665



9.7178, 14.9392, 7.2736



13.2769, 14.9392, 42.2625

Complementary

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



21.0859, 14.9392, 10.3665



24.4753, 33.1719, 40.7123

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.



10.5554, 14.9392, 35.4790



21.0859, 14.9392, 10.3665



8.7232, 14.9392, 13.7120

Square

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



21.0859, 14.9392, 10.3665



11.9534, 14.9392, 4.4216



9.0037, 14.9392, 24.0636



16.7102, 14.9392, 40.2183

Rectangle

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



21.0859, 14.9392, 10.3665



16.3359, 14.9392, 4.2753



9.0037, 14.9392, 24.0636



12.2576, 14.9392, 40.8666

Sweetspot

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



21.0863, 14.9400, 10.3668



56.8240, 54.4179, 55.2692



25.4346, 16.5329, 39.8807



12.3732, 11.6937, 11.7452



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.



21.0863, 14.9400, 10.3668



34.6881, 21.9240, 11.5812



24.6228, 22.3196, 10.6008



7.5474, 7.5488, 7.9336



12.2396, 6.3046, 0.8075



0.3029, 0.1554, 0.0466

Inverse Universe

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



21.0863, 14.9400, 10.3668



34.6881, 21.9240, 11.5812



18.6810, 20.8411, 41.0683



7.5474, 7.5488, 7.9336



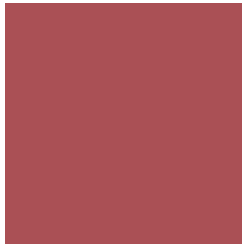
12.2396, 6.3046, 0.8075



0.3029, 0.1554, 0.0466

Previews

White Background



This preview shows how the XYZ color 21.0859, 14.9392, 10.3665 looks on a white background.

Color Contrast Check

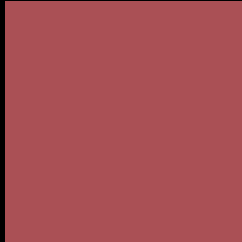
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0859, 14.9392, 10.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

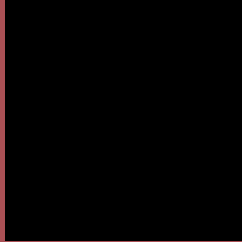
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0859, 14.9392, 10.3665

Background



This preview shows how black text looks on a background with the XYZ color 21.0859, 14.9392, 10.3665.



This preview shows how white text looks on a background with the XYZ color 21.0859, 14.9392,

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

21.0859, 14.9392, 10.3665

Protanopia

14.4247, 15.1367, 13.9658

Deuteranopia

15.3376, 15.0839, 9.8877



Tritanopia

21.0859, 14.9392, 10.3665

Trichromacy



Original Color

21.0859, 14.9392, 10.3665

Protanomaly

16.2196, 14.6118, 12.5552

Deuteranomaly

16.9429, 14.6333, 9.9142

Tritanomaly

21.0859, 14.9392, 10.3665

Monochromacy



Original Color

21.0859, 14.9392, 10.3665

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.7327, 14.1961, 13.7153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0859, 14.9392, 10.3665 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(170, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(170, 80, 85)  
}
```

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(170, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 80, 85) }
```

Border

The CSS property to change the border of an element to XYZ 21.0859, 14.9392, 10.3665 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(170, 80, 85) }
```


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

```
.border{ border-color:rgb(170, 80, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 80, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(170, 80,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0859, 14.9392, 10.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 80, 85) }
```

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

```
.background{ background-color: rgb(170, 80,  
85) }
```

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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