

Converting Colors

XYZ(20.6789, 20.6635, 24.2465)

Have a look what the booklet for
XYZ(20.6789, 20.6635, 24.2465)
contains.

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Color

**XYZ(20.6954, 20.7101,
24.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	847B83
RGB	132, 123, 131
RGB Percent	52%, 48%, 51%
CMY	0.4823, 0.5176, 0.4863
CMYK	0.00, 0.07, 0.01, 0.48
HSL	307°, 4%, 50%
HSV	307°, 7%, 52%
XYZ	20.6954, 20.7101, 24.3794
YIQ	126.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

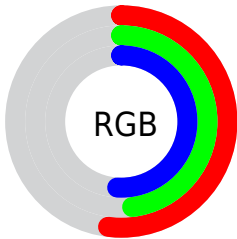
Format	Color
R_{YB}	132, 123, 131
Decimal	8682371
CIE Lab	52.63, 4.98, -3.12
CIE LCh	53, 5.876, 327.957
Yxy	20.7101, 0.3146, 0.3148
Android (android.graphics.Color)	4286872451 (0xFF847B83)
YUV	126.6030, 2.1677, 4.7332
Hunter-Lab	45.5084, 1.5351, 0.0934

Details

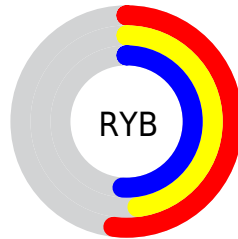
The XYZ color **20.6954, 20.7101, 24.3794** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0585, 22.1693, 22.2917**, and the grayscale version is **20.0294, 21.0725, 22.9479**.

A 20% lighter version of the original color is **43.9893, 44.4349, 51.6057**, and **7.5390, 7.3458, 9.0032** is the 20% darker color. If you saturate the color by 10%, you get **19.0686, 17.6142, 23.3502**, and if you desaturate by 10%, it is **22.5456, 24.2500, 25.4905**.

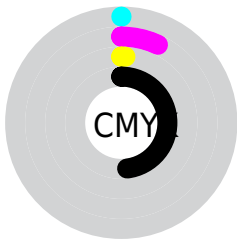
Distribution



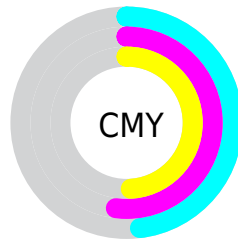
- Red (52%)
- Green (48%)
- Blue (51%)



- Red (52%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (48%)



- Cyan (48%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6954, 20.7101, 24.3794 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 20.6954, 20.7101, 24.3794 by changing the saturation by 10% instead.

■ 20.6954, 20.7101,
24.3794

■ 20.6954, 20.7101,
24.3794

248.4177,
255.7338, 288.0811

■ 13.0127, 12.9123,
15.4005

■ 44.0751, 44.6046,
51.6002

■ 7.5144, 7.3682,
8.9512

■ 60.5029, 61.4700,
70.6792

■ 3.8350, 3.6934,
4.6130

■ 80.5765, 82.1267,
93.9619

■ 1.6092, 1.5036,
1.9673

104.6611,
106.9591, 121.8670

■ 0.3984, 0.2912,
0.5351

133.1222,
136.3517, 154.8129

■ 0.0000, 0.0000,
0.0000

166.3251,

170.6887, 193.2182

204.6351,
210.3546, 237.5014

■ 20.6954, 20.7101,
24.3794

■ 20.6954, 20.7101,
24.3794

■ 19.0686, 17.6142,
23.3502

■ 22.5456, 24.2500,
25.4905

■ 17.6546, 14.9420,
22.3986

■ 24.6258, 28.2477,
26.6850

■ 16.4447, 12.6758,
21.5219

■ 26.9443, 32.7200,
27.9660

■ 15.4288, 10.7954,
20.7168

■ 29.5087, 37.6816,
29.3360

■ 14.5960, 9.2789,
19.9795

■ 32.3261, 43.1471,
30.7973

■ 13.9343, 8.1023,
19.3060

■ 35.4034, 49.1300,
32.3524

■ 13.4302, 7.2388,
18.6919

■ 38.7472, 55.6435,
34.0034

■ 13.0682, 6.6573,
18.1319

■ 42.3638, 62.7005,
35.7525

■ 12.8194, 6.3000,
17.6163

■ 46.2595, 70.3131,
37.6018

Harmonies

Analogous

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



20.2393, 20.7101, 25.6490



20.6954, 20.7101, 24.3794



20.8799, 20.7101, 22.6698

Triad

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



20.6954, 20.7101, 24.3794



19.7262, 20.7101, 19.3565



18.6663, 20.7101, 24.1615

Complementary

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



20.6954, 20.7101, 24.3794



20.0585, 22.1693, 22.2917

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.



18.5353, 20.7101, 22.4302



20.6954, 20.7101, 24.3794



19.1396, 20.7101, 19.7108

Square

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



20.6954, 20.7101, 24.3794



20.3132, 20.7101, 19.8205



18.7067, 20.7101, 20.8141



19.0686, 20.7101, 25.5187

Rectangle

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



20.6954, 20.7101, 24.3794



20.8213, 20.7101, 21.5299



18.7067, 20.7101, 20.8141



18.5895, 20.7101, 23.6014

Sweetspot

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



20.6960, 20.7110, 24.3798



37.9604, 39.3576, 43.8599



19.5464, 20.1105, 24.6817



8.8486, 9.1836, 10.2179



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.6960, 20.7110, 24.3798



36.0422, 35.6937, 42.6891



20.4041, 20.5942, 22.8427



4.8362, 4.7542, 5.7497



12.3424, 6.0013, 16.9074



0.0443, 0.0214, 0.0669

Inverse Universe

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



20.6960, 20.7110, 24.3798



36.0422, 35.6937, 42.6891



20.3430, 22.2831, 23.7899



4.8362, 4.7542, 5.7497



12.3424, 6.0013, 16.9074



0.0443, 0.0214, 0.0669

Previews

White Background



This preview shows how the XYZ color 20.6954, 20.7101, 24.3794 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 20.6954, 20.7101, 24.3794 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

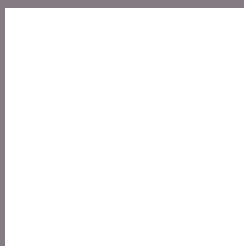
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6954, 20.7101, 24.3794

Background



This preview shows how black text looks on a background with the XYZ color 20.6954, 20.7101, 24.3794.



This preview shows how white text looks on a background with the XYZ color 20.6954, 20.7101,

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

20.6954, 20.7101, 24.3794

Protanopia

20.1027, 20.7688, 24.7790

Deuteranopia

21.0479, 20.7087, 24.3606



Tritanopia

20.7635, 20.7374, 24.7382

Trichromacy



Original Color

20.6954, 20.7101, 24.3794

Protanomaly

20.2746, 20.6704, 24.7510

Deuteranomaly

20.8878, 20.6261, 24.3531

Tritanomaly

20.7635, 20.7374, 24.7382

Monochromacy



Original Color

20.6954, 20.7101, 24.3794

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4104, 21.1473, 23.4282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6954, 20.7101, 24.3794 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(132, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(132, 123, 131)  
}
```

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(132, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 123, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.6954, 20.7101, 24.3794 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(132, 123, 131) }
```


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

```
.border{ border-color:rgb(132, 123, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(132, 123,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6954, 20.7101, 24.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 123, 131) }
```

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

```
.background{ background-color: rgb(132,  
123, 131) }
```

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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