

Converting Colors

XYZ(28.1086, 21.0169, 13.4017)

Have a look what the booklet for
XYZ(28.1086, 21.0169, 13.4017)
contains.

XYZ(28.1086, 21.0169, 13.4017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.1086, 21.0169,
13.4017)**

Conversions

Conversions Part 1

Format	Color
Hex	BF645F
RGB	191, 100, 95
RGB Percent	75%, 39%, 37%
CMY	0.2510, 0.6078, 0.6274
CMYK	0.00, 0.48, 0.50, 0.25
HSL	3°, 43%, 56%
HSV	3°, 50%, 75%
XYZ	28.1086, 21.0169, 13.4017
YIQ	126.6390, 55.8410, 17.7370

Conversions

Conversions Part 2

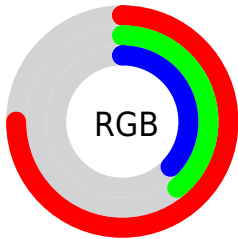
Format	Color
R_{YB}	191, 100, 95
Decimal	12543071
CIE _{Lab}	52.97, 35.85, 19.42
CIE _{LCh}	53, 40.771, 28.452
Y _{xy}	21.0169, 0.4495, 0.3361
Android (android.graphics.Color)	4290733151 (0xFFBF645F)
Y _{UV}	126.6390, -15.5980, 56.4446
Hunter-Lab	45.8442, 29.2170, 14.7586

Details

The XYZ color **28.1086, 21.0169, 13.4017** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.6813, 41.3104, 55.5940**, and the grayscale version is **20.0880, 21.1341, 23.0150**.

A 20% lighter version of the original color is **55.9264, 45.1508, 32.5554**, and **11.5265, 7.5713, 3.7596** is the 20% darker color. If you saturate the color by 10%, you get **25.7967, 17.6165, 8.8601**, and if you desaturate by 10%, it is **31.0202, 25.2763, 19.1936**.

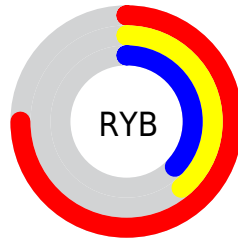
Distribution



Red (75%)

Green (39%)

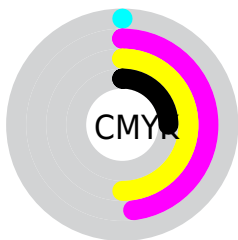
Blue (37%)



Red (75%)

Yellow (39%)

Blue (37%)

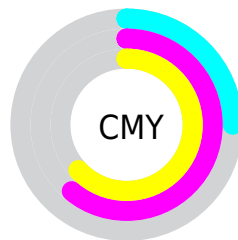


Cyan (0%)

Magenta (48%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (61%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1086, 21.0169, 13.4017 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 28.1086, 21.0169, 13.4017 by changing the saturation by 10% instead.


 28.1086, 21.0169,
13.4017


 28.1086, 21.0169,
13.4017

285.0562,
257.3683, 224.7738


 18.5484, 13.1364,
7.5718


 56.0652, 45.1157,
32.7253


 11.4465, 7.5225,
3.7384


 75.1923, 62.1027,
47.0560

 6.4375, 3.7910,
1.4829


 98.2392, 82.8939,
65.0575

 3.1561, 1.5573,
0.2052

 125.5711,
107.8739, 87.1481

 1.2368, 0.3286,
0.0000

157.5533,
137.4269, 113.7465

 0.1351, 0.0000,
0.0000

194.5514,

 0.0000, 0.0000,

171.9374, 145.2713

0.0000

236.9305,
211.7897, 182.1408

■ 28.1086, 21.0169,
13.4017

■ 28.1086, 21.0169,
13.4017

■ 25.7967, 17.6165,
8.8601

■ 31.0202, 25.2763,
19.1936

■ 24.0413, 15.0137,
5.4757

■ 34.5677, 30.4441,
26.3176

■ 22.7959, 13.1444,
3.1442

■ 38.7862, 36.5697,
34.8496

■ 22.0055, 11.9331,
1.7419

■ 43.7079, 43.6981,
44.8597

■ 21.5939, 11.2925,
1.0415

■ 49.3628, 51.8716,
56.4133

■ 55.7791, 61.1298,
69.5718

■ 62.9837, 71.5104,
84.3933

■ 71.0022, 83.0492,
100.9330

■ 75.2958, 89.8163,
107.9755

Harmonies

Analogous

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



29.3698, 21.0169, 23.5257



28.1086, 21.0169, 13.4017



24.5922, 21.0169, 8.1147

Triad

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



28.1086, 21.0169, 13.4017



13.7585, 21.0169, 12.6454



19.7547, 21.0169, 55.4000

Complementary

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



28.1086, 21.0169, 13.4017



31.6813, 41.3104, 55.5940

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.



15.9768, 21.0169, 49.3756



28.1086, 21.0169, 13.4017



12.8349, 21.0169, 22.2538

Square

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



28.1086, 21.0169, 13.4017



16.3105, 21.0169, 7.8002



13.5860, 21.0169, 36.0297



24.1530, 21.0169, 50.4451

Rectangle

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



28.1086, 21.0169, 13.4017



21.6669, 21.0169, 6.7015



13.5860, 21.0169, 36.0297



18.3753, 21.0169, 54.5606

Sweetspot

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



28.1091, 21.0180, 13.4021



73.7340, 71.6812, 71.0842



34.4623, 22.8146, 49.1532



15.7846, 15.1513, 14.7826



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.1091, 21.0180, 13.4021



45.9546, 31.1857, 15.3867



34.1100, 33.0198, 15.4024



9.5690, 9.6140, 9.9280



14.2097, 7.4582, 0.6906



0.5704, 0.3198, 0.0317

Inverse Universe

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



31.6813, 41.3104, 55.5940



53.0280, 71.4790, 99.2811



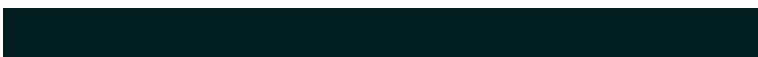
23.2406, 24.4291, 52.7805



9.7648, 10.7220, 12.2271



17.0639, 24.2395, 36.1722



0.6816, 0.9758, 1.4213

Previews

White Background



This preview shows how the XYZ color 28.1086, 21.0169, 13.4017 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 28.1086, 21.0169, 13.4017 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 28.1086, 21.0169, 13.4017

Background



This preview shows how black text looks on a background with the XYZ color 28.1086, 21.0169, 13.4017.



This preview shows how white text looks on a background with the XYZ color 28.1086, 21.0169,

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

28.1086, 21.0169, 13.4017

Protanopia

20.0747, 21.3086, 16.9648

Deuteranopia

21.6104, 21.2537, 12.8609



Tritanopia

28.6557, 20.9618, 15.9003

Trichromacy



Original Color

28.1086, 21.0169, 13.4017

Protanomaly

22.3270, 20.6704, 15.6450

Deuteranomaly

23.6750, 20.9143, 12.9143

Tritanomaly

28.5490, 21.0697, 14.8741

Monochromacy



Original Color

28.1086, 21.0169, 13.4017

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.0335, 20.4444, 19.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1086, 21.0169, 13.4017 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(191, 100, 95)` looks like.

```
.text, #text, p{  
    color:rgb(191, 100, 95)  
}
```

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(191, 100, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 100, 95) }
```

Border

The CSS property to change the border of an element to XYZ 28.1086, 21.0169, 13.4017 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(191, 100, 95) }
```


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

```
.border{ border-color:rgb(191, 100, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 100, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 100, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 100, 95);  
box-shadow:4px 4px 4px 4px rgb(191, 100,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1086, 21.0169, 13.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 100, 95) }
```

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

```
.background{ background-color: rgb(191,  
100, 95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor