

Converting Colors

XYZ(28.2865, 20.4340, 4.1148)

Have a look what the booklet for
XYZ(28.2865, 20.4340, 4.1148)
contains.

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Color

**XYZ(28.4085, 20.5503,
4.1384)**

Conversions

Conversions Part 1

Format	Color
Hex	C95E24
RGB	201, 94, 36
RGB Percent	79%, 37%, 14%
CMY	0.2118, 0.6313, 0.8588
CMYK	0.00, 0.53, 0.82, 0.21
HSL	21°, 70%, 46%
HSV	21°, 82%, 79%
XYZ	28.4085, 20.5503, 4.1384
YIQ	119.3810, 82.3900, 4.6460

Conversions

Conversions Part 2

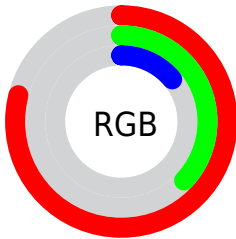
Format	Color
R_{YB}	201, 125, 36
Decimal	13196836
CIE _{Lab}	52.45, 39.24, 50.78
CIE _{LCh}	52, 64.176, 52.303
Yxy	20.5503, 0.5350, 0.3870
Android (android.graphics.Color)	4291386916 (0xFFC95E24)
YUV	119.3810, -41.1068, 71.5799
Hunter-Lab	45.3324, 32.5289, 26.3201

Details

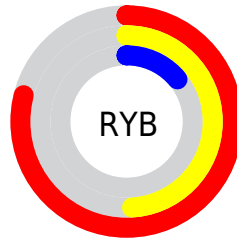
The XYZ color **28.4085, 20.5503, 4.1384** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **21.0917, 24.2353, 58.8240**, and the grayscale version is **17.7643, 18.6894, 20.3528**.

A 20% lighter version of the original color is **53.3534, 42.7993, 14.2532**, and **11.6791, 7.3032, 0.7941** is the 20% darker color. If you saturate the color by 10%, you get **27.1204, 18.3354, 2.5961**, and if you desaturate by 10%, it is **30.0654, 23.2278, 6.6533**.

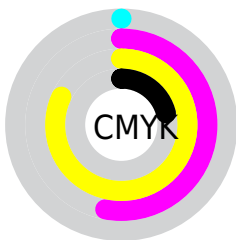
Distribution



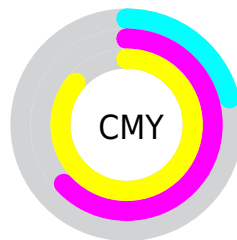
- Red (79%)
- Green (37%)
- Blue (14%)



- Red (79%)
- Yellow (49%)
- Blue (14%)



- Cyan (0%)
- Magenta (53%)
- Yellow (82%)
- Black (21%)





- Cyan (21%)
- Magenta (63%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4085, 20.5503, 4.1384 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 28.4085, 20.5503, 4.1384 by changing the saturation by 10% instead.


 28.4085, 20.5503,
4.1384


 28.4085, 20.5503,
4.1384


286.4586,
254.8788, 149.7515


 18.7758, 12.7957,
1.7016


 56.5401, 44.3379,
14.3277


 11.6115, 7.2880,
0.3618


 75.7697, 61.1397,
22.9173

 6.5500, 3.6429,
0.0000


 98.9290, 81.7260,
34.3948

 3.2261, 1.4759,
0.0000

 126.3834,
106.4811, 49.1789

 1.2744, 0.2716,
0.0000

 158.4982,
135.7896, 67.6881

 0.1640, 0.0000,
0.0000

 195.6387,

 0.0000, 0.0000,

170.0358, 90.3409

0.0000

238.1704,
209.6041, 117.5558

■ 28.4085, 20.5503,
4.1384

■ 28.4085, 20.5503,
4.1384

■ 27.1204, 18.3354,
2.5961

■ 30.0654, 23.2278,
6.6533

■ 26.3189, 16.8809,
1.8712

■ 32.1241, 26.3929,
10.2756

■ 34.6148, 30.0722,
15.1195

■ 37.5638, 34.2893,
21.2845

■ 40.9952, 39.0661,
28.8598

■ 44.9314, 44.4230,
37.9266

■ 49.3932, 50.3797,
48.5601

■ 54.4000, 56.9545,
60.8303

■ 59.9703, 64.1652,
74.8028

Harmonies

Analogous

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



33.8562, 20.5503, 11.1856



28.4085, 20.5503, 4.1384



21.2898, 20.5503, 2.1942

Triad

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



28.4085, 20.5503, 4.1384



9.4289, 20.5503, 17.8342



24.7794, 20.5503, 75.9847

Complementary

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



28.4085, 20.5503, 4.1384



21.0917, 24.2353, 58.8240

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.



17.8746, 20.5503, 81.5408



28.4085, 20.5503, 4.1384



9.9545, 20.5503, 39.2829

Square

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



28.4085, 20.5503, 4.1384



11.0838, 20.5503, 6.6546



12.7295, 20.5503, 65.4657



31.4522, 20.5503, 52.9400

Rectangle

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



28.4085, 20.5503, 4.1384



16.9407, 20.5503, 2.3043



12.7295, 20.5503, 65.4657



22.3759, 20.5503, 80.3407

Sweetspot

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



28.4090, 20.5514, 4.1387



74.6325, 72.9545, 59.5827



29.6950, 15.6700, 27.5456



15.4609, 14.9163, 11.5706



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.4090, 20.5514, 4.1387



45.0207, 28.7990, 3.2591



39.9799, 43.6934, 7.9957



10.9338, 11.2368, 11.1554



16.6269, 10.7709, 1.2027



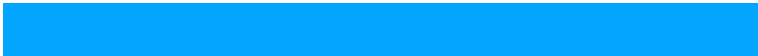
0.8554, 0.6462, 0.0796

Inverse Universe

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



21.0917, 24.2353, 58.8240



31.7638, 34.6002, 99.6121



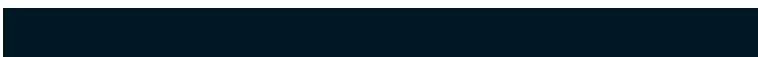
12.9257, 7.9032, 56.1020



10.6208, 11.4157, 13.5612



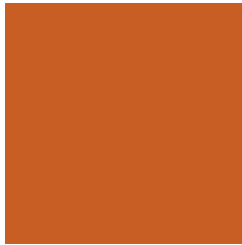
11.7650, 12.9239, 36.6188



0.6232, 0.7443, 1.7560

Previews

White Background



This preview shows how the XYZ color 28.4085, 20.5503, 4.1384 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 28.4085, 20.5503, 4.1384 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 28.4085, 20.5503, 4.1384

Background



This preview shows how black text looks on a background with the XYZ color 28.4085, 20.5503, 4.1384.



This preview shows how white text looks on a background with the XYZ color 28.4085, 20.5503,

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

28.4085, 20.5503, 4.1384

Protanopia

18.9000, 20.7663, 5.3950

Deuteranopia

20.8838, 20.5373, 3.8407



Tritanopia

30.1387, 20.4841, 12.9550

Trichromacy



Original Color

28.4085, 20.5503, 4.1384

Protanomaly

21.5218, 19.9813, 4.8203

Deuteranomaly

23.2658, 20.2443, 3.9096

Tritanomaly

29.2159, 20.3499, 8.6914

Monochromacy



Original Color

28.4085, 20.5503, 4.1384

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.7735, 18.2627, 11.9341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4085, 20.5503, 4.1384 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(201, 94, 36)` looks like.

```
.text, #text, p{  
    color:rgb(201, 94, 36)  
}
```

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(201, 94, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 94, 36) }
```

Border

The CSS property to change the border of an element to XYZ 28.4085, 20.5503, 4.1384 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(201, 94, 36) }
```


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

```
.border{ border-color:rgb(201, 94, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 94, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 94, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 94, 36);  
box-shadow:4px 4px 4px 4px rgb(201, 94,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4085, 20.5503, 4.1384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 94, 36) }
```

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

```
.background{ background-color: rgb(201, 94,  
36) }
```

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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