

Converting Colors

XYZ(28.0715, 21.2446, 8.7520)

Have a look what the booklet for
XYZ(28.0715, 21.2446, 8.7520)
contains.

XYZ(28.0715, 21.2446, 8.7520)	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(28.0715, 21.2446,
8.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	C26548
RGB	194, 101, 72
RGB Percent	76%, 40%, 28%
CMY	0.2392, 0.6039, 0.7176
CMYK	0.00, 0.48, 0.63, 0.24
HSL	14°, 50%, 52%
HSV	14°, 63%, 76%
XYZ	28.0715, 21.2446, 8.7520
YIQ	125.5010, 64.7370, 10.6970

Conversions

Conversions Part 2

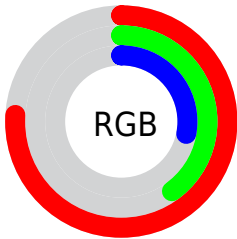
Format	Color
RYB	194, 110, 72
Decimal	12739912
CIELab	53.22, 34.63, 33.02
CIElCh	53, 47.853, 43.641
Yxy	21.2446, 0.4834, 0.3659
Android (android.graphics.Color)	4290929992 (0xFFC26548)
YUV	125.5010, -26.3760, 60.0736
Hunter-Lab	46.0919, 28.0518, 21.0062

Details

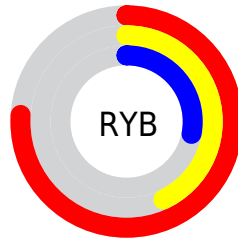
The XYZ color **28.0715, 21.2446, 8.7520** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.8642, 32.1810, 55.8869**, and the grayscale version is **19.7337, 20.7614, 22.6092**.

A 20% lighter version of the original color is **56.0824, 45.4229, 23.9008**, and **11.3733, 7.5977, 1.9040** is the 20% darker color. If you saturate the color by 10%, you get **26.2267, 18.4132, 5.4921**, and if you desaturate by 10%, it is **30.3753, 24.6748, 13.1503**.

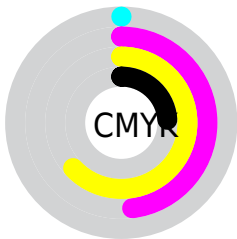
Distribution



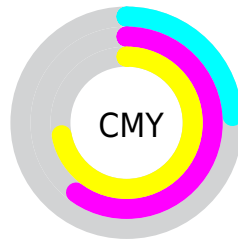
- Red (76%)
- Green (40%)
- Blue (28%)



- Red (76%)
- Yellow (43%)
- Blue (28%)



- Cyan (0%)
- Magenta (48%)
- Yellow (63%)
- Black (24%)





- Cyan (24%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0715, 21.2446, 8.7520 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 28.0715, 21.2446, 8.7520 by changing the saturation by 10% instead.

 28.0715, 21.2446,
8.7520


 28.0715, 21.2446,
8.7520


284.8823,
258.5756, 191.6663

 18.5203, 13.3029,
4.4852


 56.0064, 45.4943,
23.9901

 11.4261, 7.6375,
1.8951


 75.1208, 62.5710,
35.7984

 6.4236, 3.8639,
0.4896


 98.1537, 83.4616,
50.9576

 3.1474, 1.5977,
0.0000

 125.4704,
108.5504, 69.8863

 1.2322, 0.3560,
0.0000

 157.4362,
138.2218, 93.0030

 0.1316, 0.0000,
0.0000

194.4166,

 0.0000, 0.0000,

172.8602, 120.7262

0.0000

236.7768,
212.8500, 153.4745

■ 28.0715, 21.2446,
8.7520

■ 28.0715, 21.2446,
8.7520

■ 26.2267, 18.4132,
5.4921

■ 30.3753, 24.6748,
13.1503

■ 24.8061, 16.1417,
3.2619

■ 33.1665, 28.7330,
18.7795

■ 23.7715, 14.3915,
1.9334

■ 36.4726, 33.4501,
25.7241

■ 23.2298, 13.4329,
1.3685

■ 40.3189, 38.8544,
34.0606

■ 44.7286, 44.9721,
43.8596

■ 49.7238, 51.8283,
55.1870

■ 55.3252, 59.4466,
68.1045

■ 61.5525, 67.8498,
82.6705

■ 68.4247, 77.0596,
98.9406

Harmonies

Analogous

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



31.1826, 21.2446, 17.1704



28.0715, 21.2446, 8.7520



23.0545, 21.2446, 5.3872

Triad

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



28.0715, 21.2446, 8.7520



12.2307, 21.2446, 16.1460



22.5715, 21.2446, 62.0792

Complementary

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



28.0715, 21.2446, 8.7520



25.8642, 32.1810, 55.8869

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.



17.5775, 21.2446, 61.4217



28.0715, 21.2446, 8.7520



12.1455, 21.2446, 30.3342

Square

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



28.0715, 21.2446, 8.7520



14.2018, 21.2446, 8.2727



13.9455, 21.2446, 48.1401



27.6674, 21.2446, 49.6780

Rectangle

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



28.0715, 21.2446, 8.7520



19.5817, 21.2446, 4.9921



13.9455, 21.2446, 48.1401



20.8156, 21.2446, 63.4972

Sweetspot

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



28.0720, 21.2457, 8.7524



75.7926, 74.2170, 67.7625



31.4056, 18.8402, 37.8335



16.1065, 15.5688, 13.7548



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.



28.0720, 21.2457, 8.7524



46.5844, 31.8917, 8.4196



36.2443, 37.5903, 11.4765



10.2633, 10.4580, 10.5395



15.3269, 8.9395, 0.9177



0.7176, 0.4969, 0.0581

Inverse Universe

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



25.8642, 32.1810, 55.8869



42.1176, 52.9540, 100.4711



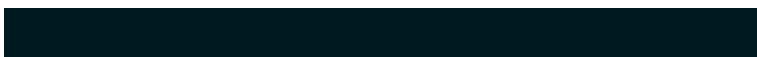
17.4144, 15.2813, 53.0703



10.1591, 11.0094, 12.8744



13.4178, 16.5921, 36.0520



0.6300, 0.8174, 1.5745

Previews

White Background



This preview shows how the XYZ color 28.0715, 21.2446, 8.7520 looks on a white background.

Color Contrast Check

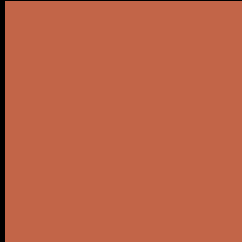
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0715, 21.2446, 8.7520 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 28.0715, 21.2446, 8.7520

Background



This preview shows how black text looks on a background with the XYZ color 28.0715, 21.2446, 8.7520.



This preview shows how white text looks on a background with the XYZ color 28.0715, 21.2446,

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

28.0715, 21.2446, 8.7520

Protanopia

19.8896, 21.5365, 11.0913

Deuteranopia

21.7132, 21.4043, 8.4559



Tritanopia

29.5383, 21.2846, 15.6482

Trichromacy



Original Color

28.0715, 21.2446, 8.7520

Protanomaly

22.1517, 20.8779, 10.0700

Deuteranomaly

23.6691, 21.0103, 8.4381

Tritanomaly

28.8051, 21.1102, 12.6817

Monochromacy



Original Color

28.0715, 21.2446, 8.7520

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.7253, 20.3425, 16.4171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0715, 21.2446, 8.7520 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(194, 101, 72)` looks like.

```
.text, #text, p{  
    color:rgb(194, 101, 72)  
}
```

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(194, 101, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 101, 72) }
```

Border

The CSS property to change the border of an element to XYZ 28.0715, 21.2446, 8.7520 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(194, 101, 72) }
```


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

```
.border{ border-color:rgb(194, 101, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 101, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 101, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 101, 72);  
box-shadow:4px 4px 4px 4px rgb(194, 101,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0715, 21.2446, 8.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 101, 72) }
```

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

```
.background{ background-color: rgb(194,  
101, 72) }
```

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