

Converting Colors

XYZ(28.4704, 21.0055, 9.5769)

Have a look what the booklet for
XYZ(28.4704, 21.0055, 9.5769)
contains.

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Color

**XYZ(28.4722, 21.0069,
9.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	C4624D
RGB	196, 98, 77
RGB Percent	77%, 38%, 30%
CMY	0.2314, 0.6157, 0.6980
CMYK	0.00, 0.50, 0.61, 0.23
HSL	11°, 50%, 54%
HSV	11°, 61%, 77%
XYZ	28.4722, 21.0069, 9.5753
YIQ	124.9080, 65.1490, 14.2450

Conversions

Conversions Part 2

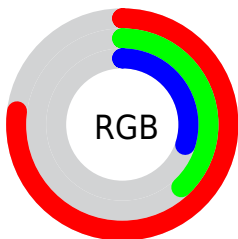
Format	Color
RYB	196, 103, 77
Decimal	12870221
CIELab	52.96, 37.32, 29.95
CIELCh	53, 47.856, 38.747
Yxy	21.0069, 0.4821, 0.3557
Android (android.graphics.Color)	4291060301 (0xFFC4624D)
YUV	124.9080, -23.6186, 62.3477
Hunter-Lab	45.8333, 30.6781, 19.6967

Details

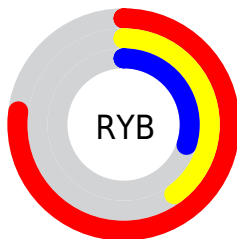
The XYZ color **28.4722, 21.0069, 9.5753** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **28.3534, 36.2214, 57.7214**, and the grayscale version is **19.5242, 20.5410, 22.3691**.

A 20% lighter version of the original color is **56.0725, 44.8996, 25.4498**, and **11.6342, 7.5366, 2.2080** is the 20% darker color. If you saturate the color by 10%, you get **26.5206, 18.0495, 6.0097**, and if you desaturate by 10%, it is **30.9378, 24.6590, 14.3411**.

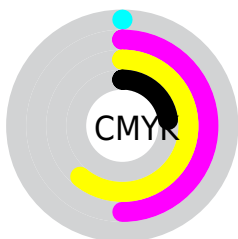
Distribution



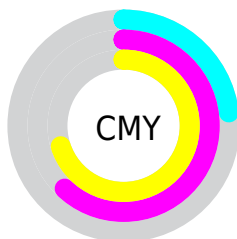
- Red (77%)
- Green (38%)
- Blue (30%)



- Red (77%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (61%)
- Black (23%)





- Cyan (23%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4722, 21.0069, 9.5753 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 28.4722, 21.0069, 9.5753 by changing the saturation by 10% instead.


 28.4722, 21.0069,
9.5753


 28.4722, 21.0069,
9.5753


286.7558,
257.3152, 197.9869


 18.8242, 13.1290,
5.0164


 56.6408, 45.0990,
25.5888

 11.6466, 7.5175,
2.1980


 75.8922, 62.0821,
37.8804


 6.5740, 3.7878,
0.6732


 99.0753, 82.8690,
53.5867

 3.2411, 1.5556,
0.0000

 126.5556,
107.8441, 73.1262

 1.2825, 0.3274,
0.0000

 158.6985,
137.3919, 96.9174

 0.1701, 0.0000,
0.0000

195.8692,

 0.0000, 0.0000,

171.8968, 125.3789

0.0000

238.4332,
211.7431, 158.9292

■ 28.4722, 21.0069,
9.5753

■ 28.4722, 21.0069,
9.5753

■ 26.5206, 18.0495,
6.0097

■ 30.9378, 24.6590,
14.3411

■ 25.0437, 15.7388,
3.5349

■ 33.9498, 29.0430,
20.4009

■ 23.9986, 14.0259,
2.0233

■ 37.5395, 34.1973,
27.8407

■ 23.3541, 12.9142,
1.2618

■ 41.7355, 40.1567,
36.7386

■ 46.5644, 46.9540,
47.1668

■ 52.0512, 54.6199,
59.1929

■ 58.2195, 63.1837,
72.8802

■ 65.0918, 72.6733,
88.2887

■ 72.6896, 83.1154,
105.4754

Harmonies

Analogous

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



31.0958, 21.0069, 18.9246



28.4722, 21.0069, 9.5753



23.6704, 21.0069, 5.5804

Triad

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



28.4722, 21.0069, 9.5753



12.2594, 21.0069, 14.2506



21.4692, 21.0069, 62.4729

Complementary

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



28.4722, 21.0069, 9.5753



28.3534, 36.2214, 57.7214

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.



16.6706, 21.0069, 59.4791



28.4722, 21.0069, 9.5753



11.8708, 21.0069, 27.3354

Square

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



28.4722, 21.0069, 9.5753



14.5181, 21.0069, 7.3863



13.3497, 21.0069, 44.8807



26.6312, 21.0069, 51.8848

Rectangle

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



28.4722, 21.0069, 9.5753



20.1781, 21.0069, 4.8810



13.3497, 21.0069, 44.8807



19.7562, 21.0069, 63.0896

Sweetspot

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



28.4727, 21.0080, 9.5757



77.6259, 75.5983, 70.8871



33.2718, 20.1848, 43.3032



16.0916, 15.4416, 14.0499



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.



28.4727, 21.0080, 9.5757



47.0322, 31.1332, 9.1363



36.0490, 36.1606, 12.1011



10.2138, 10.3590, 10.5230



15.0513, 8.3883, 0.8258



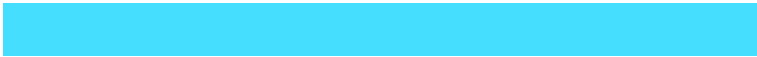
0.6955, 0.4528, 0.0507

Inverse Universe

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



28.3534, 36.2214, 57.7214



46.6527, 60.7979, 103.8841



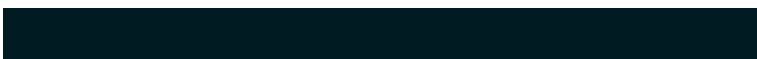
19.3470, 18.2085, 54.7193



10.2124, 11.1162, 12.8922



14.6933, 19.1431, 36.4772



0.6754, 0.9083, 1.5896

Previews

White Background



This preview shows how the XYZ color 28.4722, 21.0069, 9.5753 looks on a white background.

Color Contrast Check

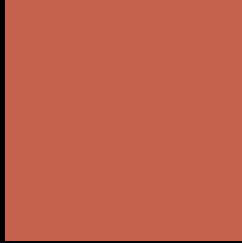
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4722, 21.0069, 9.5753 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 28.4722, 21.0069, 9.5753

Background



This preview shows how black text looks on a background with the XYZ color 28.4722, 21.0069, 9.5753.



This preview shows how white text looks on a background with the XYZ color 28.4722, 21.0069,

9.5753.

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

28.4722, 21.0069, 9.5753

Protanopia

19.6674, 21.2017, 12.2883

Deuteranopia

21.5575, 21.1243, 9.2445



Tritanopia

29.4671, 20.9943, 14.8111

Trichromacy



Original Color

28.4722, 21.0069, 9.5753

Protanomaly

21.9462, 20.4000, 11.1684

Deuteranomaly

23.7187, 20.8507, 9.2530

Tritanomaly

29.1406, 21.0088, 12.6444

Monochromacy



Original Color

28.4722, 21.0069, 9.5753

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.6000, 19.9235, 16.8945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4722, 21.0069, 9.5753 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(196, 98, 77)` looks like.

```
.text, #text, p{  
    color:rgb(196, 98, 77)  
}
```

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(196, 98, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 98, 77) }
```

Border

The CSS property to change the border of an element to XYZ 28.4722, 21.0069, 9.5753 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(196, 98, 77) }
```


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

```
.border{ border-color:rgb(196, 98, 77) }
```

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

Here you see how a box with a 4 pixel rgb(196, 98, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 98, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 98, 77);  
box-shadow:4px 4px 4px 4px rgb(196, 98,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4722, 21.0069, 9.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 98, 77) }
```

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

```
.background{ background-color: rgb(196, 98,  
77) }
```

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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