

Converting Colors

XYZ(27.9423, 21.8295, 6.1090)

Have a look what the booklet for
XYZ(27.9423, 21.8295, 6.1090)
contains.

XYZ(27.9423, 21.8295, 6.1090)	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(27.9423, 21.8295,
6.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	C26935
RGB	194, 105, 53
RGB Percent	76%, 41%, 21%
CMY	0.2392, 0.5882, 0.7921
CMYK	0.00, 0.46, 0.73, 0.24
HSL	22°, 57%, 48%
HSV	22°, 73%, 76%
XYZ	27.9423, 21.8295, 6.1090
YIQ	125.6830, 69.7360, 2.6960

Conversions

Conversions Part 2

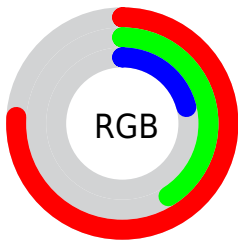
Format	Color
RYB	194, 135, 53
Decimal	12740917
CIELab	53.85, 31.41, 43.86
CIElCh	54, 53.943, 54.395
Yxy	21.8295, 0.5000, 0.3906
Android (android.graphics.Color)	4290930997 (0xFFC26935)
YUV	125.6830, -35.8327, 59.9140
Hunter-Lab	46.7221, 24.9890, 24.9532

Details

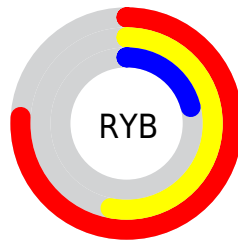
The XYZ color **27.9423, 21.8295, 6.1090** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **20.8782, 23.9966, 54.5700**, and the grayscale version is **19.8253, 20.8578, 22.7141**.

A 20% lighter version of the original color is **55.6952, 46.3333, 18.5781**, and **11.4223, 7.9858, 1.0255** is the 20% darker color. If you saturate the color by 10%, you get **26.4244, 19.3693, 3.8294**, and if you desaturate by 10%, it is **29.8214, 24.7234, 9.4002**.

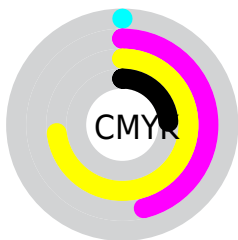
Distribution



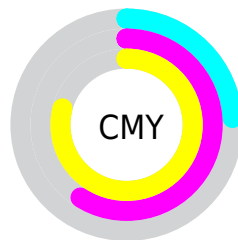
- Red (76%)
- Green (41%)
- Blue (21%)



- Red (76%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (46%)
- Yellow (73%)
- Black (24%)





- Cyan (24%)
- Magenta (59%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9423, 21.8295, 6.1090 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 27.9423, 21.8295, 6.1090 by changing the saturation by 10% instead.


 27.9423, 21.8295,
6.1090

 27.9423, 21.8295,
6.1090


284.2762,
261.6546, 169.3798


 18.4224, 13.7317,
2.8416


 55.8016, 46.4640,
18.6383


 11.3552, 7.9343,
1.0143


 74.8717, 63.7695,
28.7373

 6.3753, 4.0529,
0.0000


 97.8559, 84.9130,
41.9505

 3.1174, 1.7032,
0.0000

 125.1196,
110.2790, 58.6966

 1.2162, 0.4257,
0.0000

 157.0281,
140.2517, 79.3940

 0.1191, 0.0000,
0.0000

 193.9468,

 0.0000, 0.0000,

175.2156, 104.4613

0.0000

236.2411,
215.5551, 134.3171

■ 27.9423, 21.8295,
6.1090

■ 27.9423, 21.8295,
6.1090

■ 26.4244, 19.3693,
3.8294

■ 29.8214, 24.7234,
9.4002

■ 25.2352, 17.3148,
2.4347

■ 32.0867, 28.0698,
13.8067

■ 24.5365, 16.0463,
1.8040

■ 34.7627, 31.8901,
19.4205

■ 37.8708, 36.2033,
26.3234

■ 41.4311, 41.0272,
34.5902

■ 45.4620, 46.3787,
44.2900

■ 49.9812, 52.2738,
55.4868

■ 55.0052, 58.7278,
68.2411

■ 60.5497, 65.7555,
82.6098

Harmonies

Analogous

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



32.6530, 21.8295, 12.8665



27.9423, 21.8295, 6.1090



21.8568, 21.8295, 4.0458

Triad

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



27.9423, 21.8295, 6.1090



11.5104, 21.8295, 20.7834



25.7039, 21.8295, 66.3384

Complementary

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



27.9423, 21.8295, 6.1090



20.8782, 23.9966, 54.5700

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.



19.6779, 21.8295, 71.8336



27.9423, 21.8295, 6.1090



12.1585, 21.8295, 39.5521

Square

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



27.9423, 21.8295, 6.1090



12.9373, 21.8295, 9.6008



14.9089, 21.8295, 60.3442



31.2012, 21.8295, 47.6356

Rectangle

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



27.9423, 21.8295, 6.1090



18.0973, 21.8295, 4.3125



14.9089, 21.8295, 60.3442



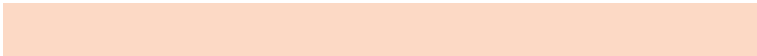
23.6462, 21.8295, 70.0714

Sweetspot

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



27.9428, 21.8307, 6.1094



75.2908, 74.6365, 63.2079



28.4262, 15.9777, 27.2953



16.0768, 15.7923, 12.8731



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.



27.9428, 21.8307, 6.1094



46.5776, 32.8835, 5.3178



38.2595, 42.4641, 9.5483



10.3707, 10.6727, 10.5753



16.2045, 10.6947, 1.2102



0.7662, 0.5943, 0.0743

Inverse Universe

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



20.8782, 23.9966, 54.5700



32.9103, 36.6709, 97.8134



13.5104, 9.2611, 52.1141



10.0462, 10.7836, 12.8368



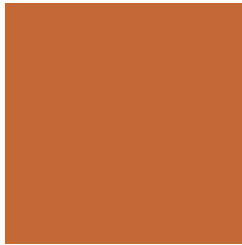
11.0946, 11.9456, 35.2776



0.5434, 0.6442, 1.5456

Previews

White Background



This preview shows how the XYZ color 27.9423, 21.8295, 6.1090 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 27.9423, 21.8295, 6.1090 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 27.9423, 21.8295, 6.1090

Background



This preview shows how black text looks on a background with the XYZ color 27.9423, 21.8295, 6.1090.



This preview shows how white text looks on a background with the XYZ color 27.9423, 21.8295,

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

27.9423, 21.8295, 6.1090

Protanopia

19.9936, 21.8664, 7.4418

Deuteranopia

22.3144, 21.9564, 5.8582



Tritanopia

30.0893, 21.8346, 16.2643

Trichromacy



Original Color

27.9423, 21.8295, 6.1090

Protanomaly

22.3553, 21.4097, 6.8251

Deuteranomaly

24.0547, 21.6053, 5.9200

Tritanomaly

29.1389, 21.7312, 11.6756

Monochromacy



Original Color

27.9423, 21.8295, 6.1090

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.4931, 20.4370, 14.6163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9423, 21.8295, 6.1090 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, 105, 53)` looks like.

```
.text, #text, p{  
    color:rgb(194, 105, 53)  
}
```

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, 105, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 105, 53) }
```

Border

The CSS property to change the border of an element to XYZ 27.9423, 21.8295, 6.1090 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, 105, 53) }
```


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

```
.border{ border-color:rgb(194, 105, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 105, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 105, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 105, 53);  
box-shadow:4px 4px 4px 4px rgb(194, 105,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9423, 21.8295, 6.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 105, 53) }
```

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

```
.background{ background-color: rgb(194,  
105, 53) }
```

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