

Converting Colors

XYZ(30.7752, 21.5194, 5.8894)

Have a look what the booklet for
XYZ(30.7752, 21.5194, 5.8894)
contains.

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Color

**XYZ(30.7642, 21.4666,
5.8902)**

Conversions

Conversions Part 1

Format	Color
Hex	D15C35
RGB	209, 92, 53
RGB Percent	82%, 36%, 21%
CMY	0.1804, 0.6392, 0.7922
CMYK	0.00, 0.56, 0.75, 0.18
HSL	15°, 63%, 51%
HSV	15°, 75%, 82%
XYZ	30.7642, 21.4666, 5.8902
YIQ	122.5370, 82.2510, 12.6750

Conversions

Conversions Part 2

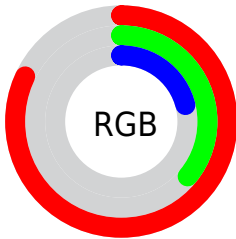
Format	Color
R _{YB}	209, 105, 53
Decimal	13720629
CIE _{Lab}	53.46, 43.92, 44.11
CIE _{LCh}	53, 62.247, 45.127
Yxy	21.4666, 0.5293, 0.3693
Android (android.graphics.Color)	4291910709 (0xFFD15C35)
YUV	122.5370, -34.2817, 75.8281
Hunter-Lab	46.3321, 37.4418, 24.8949

Details

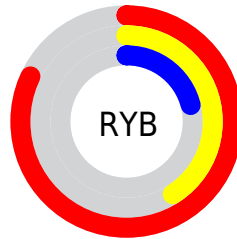
The XYZ color **30.7642, 21.4666, 5.8902** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **27.3503, 34.1073, 65.4630**, and the grayscale version is **18.7653, 19.7425, 21.4996**.

A 20% lighter version of the original color is **53.7637, 42.4701, 17.9343**, and **12.9657, 7.7579, 0.9576** is the 20% darker color. If you saturate the color by 10%, you get **29.1638, 18.8749, 3.4799**, and if you desaturate by 10%, it is **32.8560, 24.7063, 9.4983**.

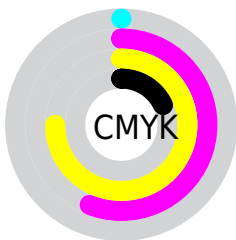
Distribution



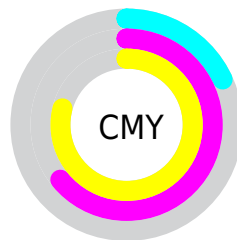
- Red (82%)
- Green (36%)
- Blue (21%)



- Red (82%)
- Yellow (41%)
- Blue (21%)



- Cyan (0%)
- Magenta (56%)
- Yellow (75%)
- Black (18%)





- Cyan (18%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7642, 21.4666, 5.8902 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 30.7642, 21.4666, 5.8902 by changing the saturation by 10% instead.


 30.7642, 21.4666,
5.8902


 30.7642, 21.4666,
5.8902


297.2968,
259.7479, 167.3591


 20.5703, 13.4655,
2.7107


 60.2470, 45.8628,
18.1763


 12.9209, 7.7499,
0.9488


 80.2666, 63.0267,
28.1200

 7.4508, 3.9353,
0.0000


 104.2922, 84.0136,
41.1555

 3.7944, 1.6374,
0.0000

 132.6891,
109.2080, 57.7013

 1.5865, 0.3826,
0.0000

 165.8226,
138.9943, 78.1761

 0.3836, 0.0000,
0.0000

 204.0582,

 0.0000, 0.0000,

173.7567, 102.9983

0.0000

247.7612,
213.8798, 132.5864

■ 30.7642, 21.4666,
5.8902

■ 30.7642, 21.4666,
5.8902

■ 29.1638, 18.8749,
3.4799

■ 32.8560, 24.7063,
9.4983

■ 28.0065, 16.8810,
2.1050

■ 35.4779, 28.6321,
14.4358

■ 27.5338, 16.0343,
1.6437

■ 38.6662, 33.2830,
20.8184

■ 42.4531, 38.6941,
28.7484

■ 46.8686, 44.8979,
38.3190

■ 51.9403, 51.9253,
49.6159

■ 57.6943, 59.8053,
62.7190

■ 64.1553, 68.5653,
77.7028

■ 71.3464, 78.2319,
94.6380

Harmonies

Analogous

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



35.3200, 21.4666, 15.0940



30.7642, 21.4666, 5.8902



23.8476, 21.4666, 2.8802

Triad

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



30.7642, 21.4666, 5.8902



10.4093, 21.4666, 15.2105



23.9078, 21.4666, 79.1674

Complementary

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



30.7642, 21.4666, 5.8902



27.3503, 34.1073, 65.4630

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.



17.3078, 21.4666, 79.2614



30.7642, 21.4666, 5.8902



10.4186, 21.4666, 34.2331

Square

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



30.7642, 21.4666, 5.8902



12.6480, 21.4666, 5.9357



12.6769, 21.4666, 59.8860



30.8165, 21.4666, 59.6732

Rectangle

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



30.7642, 21.4666, 5.8902



19.2872, 21.4666, 2.6220



12.6769, 21.4666, 59.8860



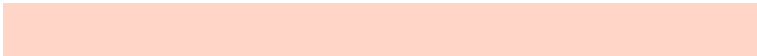
21.5618, 21.4666, 81.7136

Sweetspot

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



30.7647, 21.4678, 5.8906



75.3132, 72.9308, 64.0796



34.8231, 19.0038, 39.8628



15.6776, 14.9938, 12.7400



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.



30.7647, 21.4678, 5.8906



44.5053, 27.5012, 3.9108



41.3116, 42.5616, 9.4062



12.0455, 12.2817, 12.3478



17.0433, 10.0195, 1.0357



1.0172, 0.6888, 0.0793

Inverse Universe

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



27.3503, 34.1073, 65.4630



38.5697, 47.6458, 101.7715



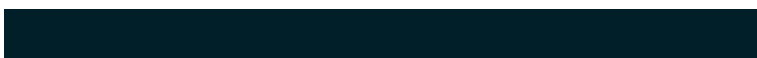
16.8040, 13.0148, 61.9475



11.8976, 12.8855, 15.1037



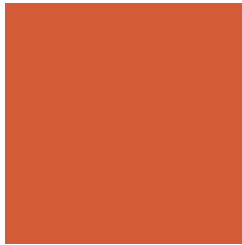
14.5847, 17.8159, 39.8626



0.8763, 1.1178, 2.2491

Previews

White Background



This preview shows how the XYZ color 30.7642, 21.4666, 5.8902 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 30.7642, 21.4666, 5.8902 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 30.7642, 21.4666, 5.8902

Background



This preview shows how black text looks on a background with the XYZ color 30.7642, 21.4666, 5.8902.



This preview shows how white text looks on a background with the XYZ color 30.7642, 21.4666,

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

30.7642, 21.4666, 5.8902

Protanopia

19.7999, 21.5593, 7.9683

Deuteranopia

21.9304, 21.5821, 5.4925



Tritanopia

32.2479, 21.4556, 12.7976

Trichromacy



Original Color

30.7642, 21.4666, 5.8902

Protanomaly

22.6722, 20.6947, 7.0745

Deuteranomaly

24.5780, 21.0473, 5.5634

Tritanomaly

31.5259, 21.3965, 9.6761

Monochromacy



Original Color

30.7642, 21.4666, 5.8902

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.3252, 19.3402, 14.1643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7642, 21.4666, 5.8902 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(209, 92, 53)` looks like.

```
.text, #text, p{  
    color:rgb(209, 92, 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(209, 92, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 92, 53) }
```

Border

The CSS property to change the border of an element to XYZ 30.7642, 21.4666, 5.8902 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(209, 92, 53) }
```


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

```
.border{ border-color:rgb(209, 92, 53) }
```

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

Here you see how a box with a 4 pixel rgb(209, 92, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 92, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 92, 53);  
box-shadow:4px 4px 4px 4px rgb(209, 92,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7642, 21.4666, 5.8902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 92, 53) }
```

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

```
.background{ background-color: rgb(209, 92,  
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](#).

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