

Converting Colors

XYZ(32.5508, 21.4893, 7.5865)

Have a look what the booklet for
XYZ(32.5508, 21.4893, 7.5865)
contains.

XYZ(32.5508, 21.4893, 7.5865)	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(32.5508, 21.4893,
7.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	D85542
RGB	216, 85, 66
RGB Percent	85%, 33%, 26%
CMY	0.1529, 0.6666, 0.7412
CMYK	0.00, 0.61, 0.69, 0.15
HSL	8°, 66%, 55%
HSV	8°, 69%, 85%
XYZ	32.5508, 21.4893, 7.5865
YIQ	122.0030, 84.1750, 21.8630

Conversions

Conversions Part 2

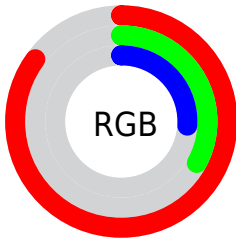
Format	Color
R _Y B	216, 88, 66
Decimal	14177602
CIE Lab	53.48, 50.33, 37.50
CIE LCh	53, 62.765, 36.685
Yxy	21.4893, 0.5282, 0.3487
Android (android.graphics.Color)	4292367682 (0xFFD85542)
YUV	122.0030, -27.6095, 82.4354
Hunter-Lab	46.3566, 44.2158, 22.7465

Details

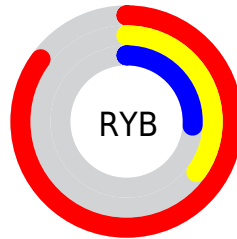
The XYZ color **32.5508, 21.4893, 7.5865** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34.6059, 46.0451, 72.0290**, and the grayscale version is **18.5686, 19.5356, 21.2743**.

A 20% lighter version of the original color is **53.5671, 40.9630, 21.3030**, and **13.8537, 7.7080, 1.4671** is the 20% darker color. If you saturate the color by 10%, you get **30.7377, 18.6972, 4.4115**, and if you desaturate by 10%, it is **35.0011, 25.1715, 12.1599**.

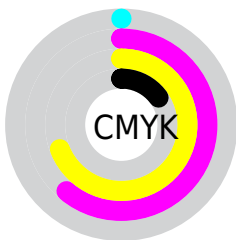
Distribution



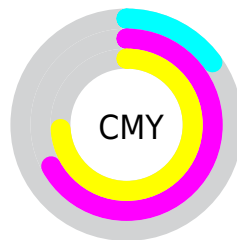
- Red (85%)
- Green (33%)
- Blue (26%)



- Red (85%)
- Yellow (35%)
- Blue (26%)



- Cyan (0%)
- Magenta (61%)
- Yellow (69%)
- Black (15%)





- Cyan (15%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5508, 21.4893, 7.5865 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 32.5508, 21.4893, 7.5865 by changing the saturation by 10% instead.


 32.5508, 21.4893,
7.5865


 32.5508, 21.4893,
7.5865


305.3216,
259.8675, 182.2636


 21.9401, 13.4821,
3.7476

 63.0330, 45.9005,
21.6764

 13.9293, 7.7614,
1.4879


 83.6352, 63.0732,
32.7644


 8.1529, 3.9426,
0.2089


 108.2986, 84.0700,
47.1058

 4.2455, 1.6415,
0.0000

 137.3886,
109.2752, 65.1193

 1.8420, 0.3854,
0.0000

 171.2706,
139.0731, 87.2232

 0.5428, 0.0000,
0.0000

 210.3098,

 0.0000, 0.0000,

173.8482, 113.8362

0.0000

254.8717,
213.9849, 145.3768

■ 32.5508, 21.4893,
7.5865

■ 32.5508, 21.4893,
7.5865

■ 30.7377, 18.6972,
4.4115

■ 35.0011, 25.1715,
12.1599

■ 29.4993, 16.7156,
2.4719

■ 38.1399, 29.8073,
18.2680

■ 28.7506, 15.4520,
1.5017

■ 42.0151, 35.4584,
26.0317

■ 28.7192, 15.3998,
1.4588

■ 46.6698, 42.1803,
35.5600

■ 52.1436, 50.0246,
46.9522

■ 58.4737, 59.0393,
60.3004

■ 65.6946, 69.2697,
75.6905

■ 73.8392, 80.7589,
93.2033

■ 82.0567, 93.1948,
108.2713

Harmonies

Analogous

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



36.0183, 21.4893, 19.3728



32.5508, 21.4893, 7.5865



25.9408, 21.4893, 3.2682

Triad

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



32.5508, 21.4893, 7.5865



10.7560, 21.4893, 11.6519



21.9566, 21.4893, 82.2307

Complementary

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



32.5508, 21.4893, 7.5865



34.6059, 46.0451, 72.0290

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.



15.7523, 21.4893, 76.0294



32.5508, 21.4893, 7.5865



10.1412, 21.4893, 27.9458

Square

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



32.5508, 21.4893, 7.5865



13.6736, 21.4893, 4.5614



11.7606, 21.4893, 52.9642



29.0973, 21.4893, 67.0188

Rectangle

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



32.5508, 21.4893, 7.5865



21.1766, 21.4893, 2.5385



11.7606, 21.4893, 52.9642



19.6913, 21.4893, 82.6671

Sweetspot

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



32.5513, 21.4905, 7.5869



74.4490, 70.7250, 65.2637



40.5178, 22.5957, 55.9546



15.4462, 14.4382, 12.9488



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.



32.5513, 21.4905, 7.5869



43.8833, 25.8386, 4.9937



41.6145, 39.6169, 10.6079



12.5488, 12.6718, 12.9452



17.0422, 9.2016, 0.8779



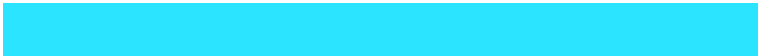
1.0706, 0.6404, 0.0672

Inverse Universe

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



34.6059, 46.0451, 72.0290



46.8541, 63.3273, 104.3617



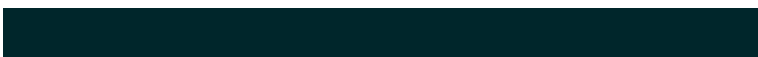
21.7866, 20.4065, 67.7560



12.6517, 13.8268, 15.9395



18.1156, 24.4929, 42.2260



1.1310, 1.5541, 2.5597

Previews

White Background



This preview shows how the XYZ color 32.5508, 21.4893, 7.5865 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 32.5508, 21.4893, 7.5865 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 32.5508, 21.4893, 7.5865

Background



This preview shows how black text looks on a background with the XYZ color 32.5508, 21.4893, 7.5865.



This preview shows how white text looks on a background with the XYZ color 32.5508, 21.4893,

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

32.5508, 21.4893, 7.5865

Protanopia

20.0196, 21.6079, 10.9002

Deuteranopia

22.0470, 21.6058, 7.1460



Tritanopia

33.3529, 21.4744, 11.4039

Trichromacy



Original Color

32.5508, 21.4893, 7.5865

Protanomaly

23.2471, 20.4350, 9.5566

Deuteranomaly

25.1605, 20.9884, 7.2825

Tritanomaly

33.1198, 21.5027, 9.8020

Monochromacy



Original Color

32.5508, 21.4893, 7.5865

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.5772, 18.9645, 15.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5508, 21.4893, 7.5865 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(216, 85, 66)` looks like.

```
.text, #text, p{  
    color:rgb(216, 85, 66)  
}
```

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(216, 85, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 85, 66) }
```

Border

The CSS property to change the border of an element to XYZ 32.5508, 21.4893, 7.5865 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(216, 85, 66) }
```


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

```
.border{ border-color:rgb(216, 85, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 85, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 85, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 85, 66);  
box-shadow:4px 4px 4px 4px rgb(216, 85,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5508, 21.4893, 7.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 85, 66) }
```

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

```
.background{ background-color: rgb(216, 85,  
66) }
```

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