

Converting Colors

XYZ(32.1642, 22.8164, 7.1521)

Have a look what the booklet for
XYZ(32.1642, 22.8164, 7.1521)
contains.

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Color

**XYZ(32.2684, 22.8834,
7.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	D4613D
RGB	212, 97, 61
RGB Percent	83%, 38%, 24%
CMY	0.1686, 0.6196, 0.7608
CMYK	0.00, 0.54, 0.71, 0.17
HSL	14°, 64%, 54%
HSV	14°, 71%, 83%
XYZ	32.2684, 22.8834, 7.1311
YIQ	127.2810, 80.0960, 13.1840

Conversions

Conversions Part 2

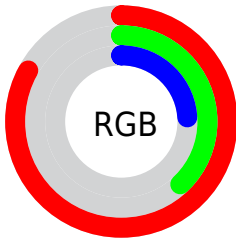
Format	Color
R _Y B	212, 108, 61
Decimal	13918525
CIE Lab	54.95, 42.98, 41.71
CIE LCh	55, 59.892, 44.145
Yxy	22.8834, 0.5181, 0.3674
Android (android.graphics.Color)	4292108605 (0xFFD4613D)
YUV	127.2810, -32.6765, 74.2986
Hunter-Lab	47.8366, 36.6940, 24.6471

Details

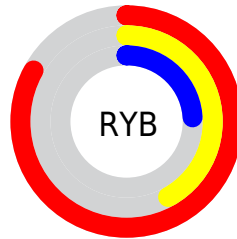
The XYZ color **32.2684, 22.8834, 7.1311** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **29.3322, 36.7936, 67.8429**, and the grayscale version is **20.3599, 21.4202, 23.3266**.

A 20% lighter version of the original color is **54.9608, 44.1985, 20.3863**, and **13.7802, 8.4878, 1.3275** is the 20% darker color. If you saturate the color by 10%, you get **30.4631, 20.0133, 4.2472**, and if you desaturate by 10%, it is **34.6040, 26.4535, 11.3051**.

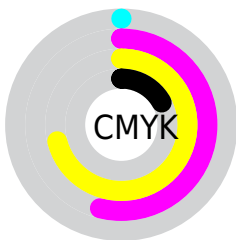
Distribution



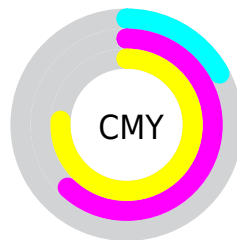
- Red (83%)
- Green (38%)
- Blue (24%)



- Red (83%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (54%)
- Yellow (71%)
- Black (17%)




- Cyan (17%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2684, 22.8834, 7.1311 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 32.2684, 22.8834, 7.1311 by changing the saturation by 10% instead.


 32.2684, 22.8834,
7.1311


 32.2684, 22.8834,
7.1311


304.0637,
267.1255, 178.4207


 21.7231, 14.5074,
3.4645


 62.5940, 48.2018,
20.7538


 13.7691, 8.4744,
1.3364


 83.1050, 65.9130,
31.5470


 8.0408, 4.4000,
0.0914


 107.6686, 87.5048,
45.5529

 4.1731, 1.8997,
0.0000

 136.6503,
113.3615, 63.1900

 1.8005, 0.5482,
0.0000

 170.4152,
143.8675, 84.8767

 0.5180, 0.0000,
0.0000

 209.3289,

 0.0000, 0.0000,

179.4073, 111.0317

0.0000

253.7566,
220.3652, 142.0735

■ 32.2684, 22.8834,
7.1311

■ 32.2684, 22.8834,
7.1311

■ 30.4631, 20.0133,
4.2472

■ 34.6040, 26.4535,
11.3051

■ 29.1395, 17.7909,
2.4966


■ 37.5090, 30.7632,
16.8987


■ 28.3156, 16.3257,
1.6588


■ 41.0205, 35.8535,
24.0271


■ 45.1716, 41.7613,
32.7930

■ 49.9933, 48.5209,
43.2903

 55.5141, 56.1648,
55.6056

 61.7612, 64.7236,
69.8199

 68.7600, 74.2266,
86.0092

 76.5348, 84.7015,
104.2452

Harmonies

Analogous

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



36.6429, 22.8834, 17.0002



32.2684, 22.8834, 7.1311



25.4312, 22.8834, 3.6892

Triad

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



32.2684, 22.8834, 7.1311



11.6280, 22.8834, 16.1956



25.0246, 22.8834, 79.9161

Complementary

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



32.2684, 22.8834, 7.1311



29.3322, 36.7936, 67.8429

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.



18.4424, 22.8834, 79.3029



32.2684, 22.8834, 7.1311



11.5631, 22.8834, 34.9721

Square

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



32.2684, 22.8834, 7.1311



14.0089, 22.8834, 6.8009



13.8087, 22.8834, 60.0838



31.9189, 22.8834, 61.4832

Rectangle

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



32.2684, 22.8834, 7.1311



20.8394, 22.8834, 3.3381



13.8087, 22.8834, 60.0838



22.6868, 22.8834, 82.1415

Sweetspot

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



32.2689, 22.8847, 7.1315



75.9377, 73.7024, 65.7599



36.7326, 20.4996, 43.4939



15.7939, 15.1336, 13.0647



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.



32.2689, 22.8847, 7.1315



45.2446, 28.7029, 5.0105



42.6953, 43.7375, 10.6070



12.6613, 12.8968, 12.9827



17.5459, 10.2090, 1.0458



1.1232, 0.7456, 0.0847

Inverse Universe

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



29.3322, 36.7936, 67.8429



40.2890, 50.4977, 102.2313



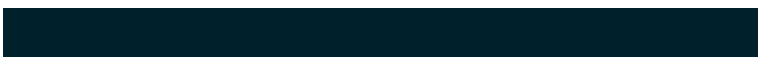
18.4878, 15.1050, 64.2281



12.5296, 13.5826, 15.8988



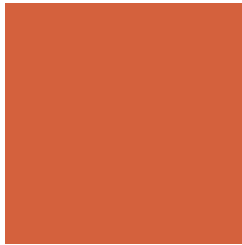
15.3337, 18.9291, 41.2987



0.9867, 1.2654, 2.5116

Previews

White Background



This preview shows how the XYZ color 32.2684, 22.8834, 7.1311 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 32.2684, 22.8834, 7.1311 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 32.2684, 22.8834, 7.1311

Background



This preview shows how black text looks on a background with the XYZ color 32.2684, 22.8834, 7.1311.



This preview shows how white text looks on a background with the XYZ color 32.2684, 22.8834,

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

32.2684, 22.8834, 7.1311

Protanopia

21.0980, 22.9902, 9.4564

Deuteranopia

23.4366, 23.0806, 6.7098



Tritanopia

33.8108, 22.8513, 14.4331

Trichromacy



Original Color

32.2684, 22.8834, 7.1311

Protanomaly

24.0024, 22.0460, 8.4591

Deuteranomaly

25.9253, 22.3806, 6.8244

Tritanomaly

33.0830, 22.8074, 11.2529

Monochromacy



Original Color

32.2684, 22.8834, 7.1311

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.7941, 20.7392, 15.6336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2684, 22.8834, 7.1311 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(212, 97, 61)` looks like.

```
.text, #text, p{  
    color:rgb(212, 97, 61)  
}
```

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(212, 97, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 97, 61) }
```

Border

The CSS property to change the border of an element to XYZ 32.2684, 22.8834, 7.1311 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(212, 97, 61) }
```


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

```
.border{ border-color:rgb(212, 97, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 97, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 97, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 97, 61);  
box-shadow:4px 4px 4px 4px rgb(212, 97,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2684, 22.8834, 7.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 97, 61) }
```

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

```
.background{ background-color: rgb(212, 97,  
61) }
```

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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