

Converting Colors

XYZ(41.3995, 22.5405, 3.2761)

Have a look what the booklet for
XYZ(41.3995, 22.5405, 3.2761)
contains.

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Color

**XYZ(41.5456, 22.6224,
3.2755)**

Conversions

Conversions Part 1

Format	Color
Hex	FD2A1C
RGB	253, 42, 28
RGB Percent	99%, 16%, 11%
CMY	0.0078, 0.8352, 0.8902
CMYK	0.00, 0.83, 0.89, 0.01
HSL	4°, 98%, 55%
HSV	4°, 89%, 99%
XYZ	41.5456, 22.6224, 3.2755
YIQ	103.4930, 130.2500, 40.3780

Conversions

Conversions Part 2

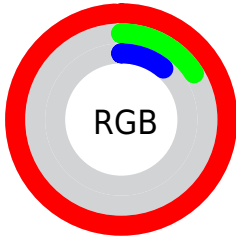
Format	Color
RYB	253, 43, 28
Decimal	16591388
CIELab	54.68, 74.80, 59.66
CIELCh	55, 95.679, 38.577
Yxy	22.6224, 0.6160, 0.3354
Android (android.graphics.Color)	4294781468 (0xFFFD2A1C)
YUV	103.4930, -37.2180, 131.1176
Hunter-Lab	47.5630, 72.6819, 29.2110

Details

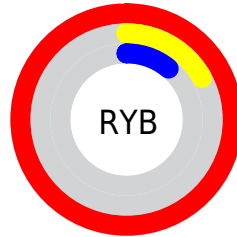
The XYZ color **41.5456, 22.6224, 3.2755** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **49.0688, 69.0593, 103.6714**, and the grayscale version is **13.0972, 13.7793, 15.0056**.

A 20% lighter version of the original color is **48.1911, 32.9619, 11.0301**, and **20.2497, 10.4391, 0.9477** is the 20% darker color. If you saturate the color by 10%, you get **40.7437, 21.3308, 2.0474**, and if you desaturate by 10%, it is **43.0906, 25.0090, 5.9607**.

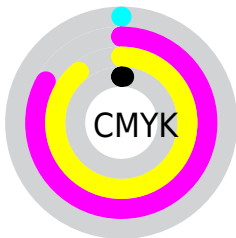
Distribution



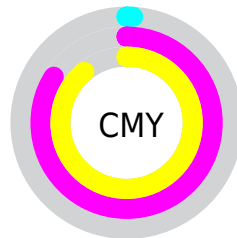
- Red (99%)
- Green (16%)
- Blue (11%)



- Red (99%)
- Yellow (17%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (89%)
- Black (1%)





- Cyan (1%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5456, 22.6224, 3.2755 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 41.5456, 22.6224, 3.2755 by changing the saturation by 10% instead.


 41.5456, 22.6224,
3.2755


 41.5456, 22.6224,
3.2755


343.6196,
265.7796, 139.7957

 28.9352, 14.3149,
1.2370


 76.7809, 47.7726,
12.3010


 19.1758, 8.3400,
0.0093


 100.1366, 65.3840,
20.1251

 11.9022, 4.3133,
0.0000


 127.8047, 86.8657,
30.7147

 6.7488, 1.8503,
0.0000

 160.1506,
112.6018, 44.4885

 3.3504, 0.5182,
0.0000

 197.5397,
142.9769, 61.8649


 1.3417, 0.0000,
0.0000

 240.3373,


 0.2141, 0.0000,


178.3753, 83.2626


0.0000


 288.9088,
219.1814, 109.1000


 0.0000, 0.0000,
0.0000


 41.5456, 22.6224,
3.2755


 41.5456, 22.6224,
3.2755


 40.7437, 21.3308,
2.0474


 43.0906, 25.0090,
5.9607

 40.6896, 21.2462,
1.9563

 45.5160, 28.6642,
10.4551

 48.9280, 33.7331,
17.0028

 53.4172, 40.3401,
25.8101

 59.0641, 48.5960,
37.0581

■ 65.9415, 58.6013,
50.9095

■ 74.1161, 70.4487,
67.5131

■ 83.6499, 84.2240,
87.0064

94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



48.3980, 22.6224, 16.9528



41.5456, 22.6224, 3.2755



29.7824, 22.6224, 0.3642

Triad

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



41.5456, 22.6224, 3.2755



7.6195, 22.6224, 8.9370



24.6670, 22.6224, 138.0649

Complementary

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



41.5456, 22.6224, 3.2755



49.0688, 69.0593, 103.6714

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.



14.9190, 22.6224, 127.7331



41.5456, 22.6224, 3.2755



7.0470, 22.6224, 34.3375

Square

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



41.5456, 22.6224, 3.2755



11.1819, 22.6224, 1.4190



9.2348, 22.6224, 81.4126



36.7696, 22.6224, 103.5237

Rectangle

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



41.5456, 22.6224, 3.2755



22.0089, 22.6224, 0.0000



9.2348, 22.6224, 81.4126



21.0028, 22.6224, 140.0655

Sweetspot

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



41.5461, 22.6238, 3.2758



68.6278, 61.8295, 54.8552



56.9124, 28.1088, 86.2331



14.1277, 12.4189, 10.6052



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.



41.5461, 22.6238, 3.2758



41.4237, 21.6273, 1.9912



51.9051, 43.3418, 6.7288



18.1002, 18.1686, 18.6972



21.6793, 11.3698, 1.0520



2.1412, 1.1679, 0.1126

Inverse Universe

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



49.0688, 69.0593, 103.6714



48.9488, 69.0175, 105.3496



26.0917, 23.1053, 96.0124



18.4522, 20.2761, 23.1911



25.6184, 36.1463, 55.0613



2.5225, 3.5758, 5.3705

Previews

White Background



This preview shows how the XYZ color 41.5456, 22.6224, 3.2755 looks on a white background.

Color Contrast Check

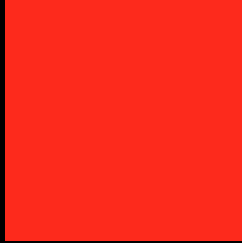
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5456, 22.6224, 3.2755 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 41.5456, 22.6224, 3.2755

Background



This preview shows how black text looks on a background with the XYZ color 41.5456, 22.6224, 3.2755.



This preview shows how white text looks on a background with the XYZ color 41.5456, 22.6224,

3.2755.

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

41.5456, 22.6224, 3.2755

Protanopia

20.8174, 22.9190, 6.1229

Deuteranopia

23.0595, 22.7742, 3.1805



Tritanopia

41.6508, 22.6085, 4.0023

Trichromacy



Original Color

41.5456, 22.6224, 3.2755

Protanomaly

25.1118, 19.5229, 4.5426

Deuteranomaly

27.4357, 20.2121, 2.7425

Tritanomaly

41.5897, 22.5840, 3.6805

Monochromacy



Original Color

41.5456, 22.6224, 3.2755

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

18.3475, 13.6758, 8.5101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5456, 22.6224, 3.2755 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(253, 42, 28)` looks like.

```
.text, #text, p{  
    color:rgb(253, 42, 28)  
}
```

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(253, 42, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 42, 28) }
```

Border

The CSS property to change the border of an element to XYZ 41.5456, 22.6224, 3.2755 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(253, 42, 28) }
```


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

```
.border{ border-color:rgb(253, 42, 28) }
```

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

Here you see how a box with a 4 pixel rgb(253, 42, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 42, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 42, 28);  
box-shadow:4px 4px 4px 4px rgb(253, 42,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5456, 22.6224, 3.2755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 42, 28) }
```

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

```
.background{ background-color: rgb(253, 42,  
28) }
```

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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