

Converting Colors

XYZ(41.7721, 22.7705, 4.2913)

Have a look what the booklet for
XYZ(41.7721, 22.7705, 4.2913)
contains.

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Color

**XYZ(41.7721, 22.7705,
4.2913)**

Conversions

Conversions Part 1

Format	Color
Hex	FD2B29
RGB	253, 43, 41
RGB Percent	99%, 17%, 16%
CMY	0.0078, 0.8313, 0.8392
CMYK	0.00, 0.83, 0.84, 0.01
HSL	1°, 98%, 58%
HSV	1°, 84%, 99%
XYZ	41.7721, 22.7705, 4.2913
YIQ	105.5620, 125.8020, 43.8980

Conversions

Conversions Part 2

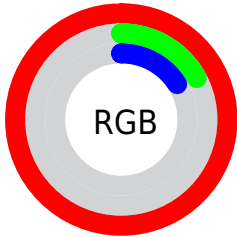
Format	Color
RYB	253, 43, 41
Decimal	16591657
CIELab	54.84, 74.82, 54.07
CIELCh	55, 92.314, 35.852
Yxy	22.7705, 0.6069, 0.3308
Android (android.graphics.Color)	4294781737 (0xFFFD2B29)
YUV	105.5620, -31.8291, 129.3031
Hunter-Lab	47.7184, 72.7493, 28.0710

Details

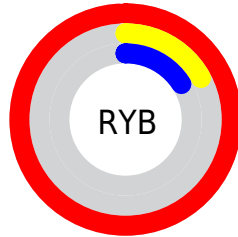
The XYZ color **41.7721, 22.7705, 4.2913** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **53.1341, 76.5435, 104.9016**, and the grayscale version is **13.6427, 14.3532, 15.6306**.

A 20% lighter version of the original color is **48.7276, 33.3501, 13.3202**, and **20.4935, 10.5648, 0.9591** is the 20% darker color. If you saturate the color by 10%, you get **40.8147, 21.3504, 2.4484**, and if you desaturate by 10%, it is **43.5719, 25.4234, 7.8115**.

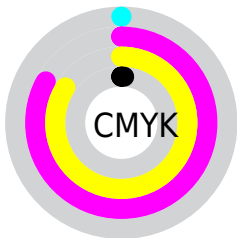
Distribution



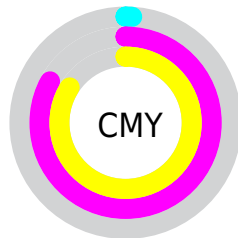
- Red (99%)
- Green (17%)
- Blue (16%)



- Red (99%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (83%)
- Yellow (84%)
- Black (1%)





- Cyan (1%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7721, 22.7705, 4.2913 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 41.7721, 22.7705, 4.2913 by changing the saturation by 10% instead.


 41.7721, 22.7705,
4.2913


 41.7721, 22.7705,
4.2913

344.5451,
266.5440, 151.4101


 29.1132, 14.4241,
1.7865


 77.1219, 48.0162,
14.6762

 19.3112, 8.4162,
0.4190


 100.5436, 65.6844,
23.3934

 12.0007, 4.3624,
0.0000


 128.2835, 87.2285,
35.0184

 6.8164, 1.8783,
0.0000

 160.7071,
113.0332, 49.9698

 3.3928, 0.5353,
0.0000

 198.1797,
143.4826, 68.6661

 1.3647, 0.0000,
0.0000

 241.0666,

 0.2309, 0.0000,

178.9614, 91.5259

0.0000

289.7333,
219.8537, 118.9677

■ 0.0000, 0.0000,
0.0000

■ 41.7721, 22.7705,
4.2913

■ 41.7721, 22.7705,
4.2913

■ 40.8147, 21.3504,
2.4484

■ 43.5719, 25.4234,
7.8115

■ 40.5339, 20.9348,
1.9045

■ 46.3486, 29.5014,
13.2853

■ 50.2145, 35.1680,
20.9404

■ 55.2662, 42.5635,
30.9727

■ 61.5899, 51.8128,
43.5567

69.2637, 63.0293,
58.8504

78.3593, 76.3171,
76.9988

88.9436, 91.7733,
98.1370

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.



47.6338, 22.7705, 19.4917



41.7721, 22.7705, 4.2913



30.7080, 22.7705, 0.7206

Triad

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



41.7721, 22.7705, 4.2913



8.2172, 22.7705, 8.1722



23.7064, 22.7705, 133.3167

Complementary

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



41.7721, 22.7705, 4.2913



53.1341, 76.5435, 104.9016

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.



14.5641, 22.7705, 119.6134



41.7721, 22.7705, 4.2913



7.3989, 22.7705, 30.9782

Square

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



41.7721, 22.7705, 4.2913



12.0609, 22.7705, 1.4408



9.3120, 22.7705, 74.4500



35.2964, 22.7705, 103.9828

Rectangle

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



41.7721, 22.7705, 4.2913



23.0941, 22.7705, 0.1728



9.3120, 22.7705, 74.4500



20.2534, 22.7705, 133.7642

Sweetspot

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



41.7726, 22.7719, 4.2916



69.4900, 62.6695, 57.8685



59.0301, 29.5602, 95.5222



14.2645, 12.5235, 11.1718



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.



41.7726, 22.7719, 4.2916



41.2664, 21.3128, 1.9388



51.3416, 41.9099, 7.4813



18.0233, 18.0148, 18.6716



21.5686, 11.1484, 1.0151



2.1047, 1.0948, 0.1004

Inverse Universe

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



53.1341, 76.5435, 104.9016



53.0391, 77.1983, 106.7130



29.0776, 28.4306, 96.8828



18.5392, 20.4500, 23.2201



27.7209, 40.3514, 55.7621



2.7037, 3.9381, 5.4309

Previews

White Background



This preview shows how the XYZ color 41.7721, 22.7705, 4.2913 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 41.7721, 22.7705, 4.2913 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 41.7721, 22.7705, 4.2913

Background



This preview shows how black text looks on a background with the XYZ color 41.7721, 22.7705, 4.2913.



This preview shows how white text looks on a background with the XYZ color 41.7721, 22.7705,

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

41.7721, 22.7705, 4.2913

Protanopia

21.0025, 22.9724, 8.0298

Deuteranopia

23.1259, 22.8008, 3.5299



Tritanopia

41.7721, 22.7705, 4.2913

Trichromacy



Original Color

41.7721, 22.7705, 4.2913

Protanomaly

25.2543, 19.7045, 6.0867

Deuteranomaly

27.5356, 20.2520, 3.2684

Tritanomaly

41.7721, 22.7705, 4.2913

Monochromacy



Original Color

41.7721, 22.7705, 4.2913

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

18.9143, 14.1666, 9.7202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7721, 22.7705, 4.2913 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, 43, 41)` looks like.

```
.text, #text, p{  
    color:rgb(253, 43, 41)  
}
```

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, 43, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 43, 41) }
```

Border

The CSS property to change the border of an element to XYZ 41.7721, 22.7705, 4.2913 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, 43, 41) }
```


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

```
.border{ border-color:rgb(253, 43, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 43, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 43, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 43, 41);  
box-shadow:4px 4px 4px 4px rgb(253, 43,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7721, 22.7705, 4.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 43, 41) }
```

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

```
.background{ background-color: rgb(253, 43,  
41) }
```

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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