

Converting Colors

XYZ(42.0847, 22.1465, 6.4715)

Have a look what the booklet for
XYZ(42.0847, 22.1465, 6.4715)
contains.

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Color

**XYZ(42.0847, 22.1465,
6.4715)**

Conversions

Conversions Part 1

Format	Color
Hex	FE1A3D
RGB	254, 26, 61
RGB Percent	100%, 10%, 24%
CMY	0.0039, 0.8979, 0.7608
CMYK	0.00, 0.90, 0.76, 0.00
HSL	351°, 99%, 55%
HSV	351°, 90%, 100%
XYZ	42.0847, 22.1465, 6.4715
YIQ	98.1620, 124.6530, 59.2210

Conversions

Conversions Part 2

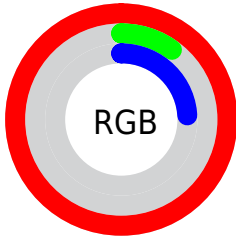
Format	Color
R_{YB}	254, 26, 61
Decimal	16652861
CIE _{Lab}	54.18, 78.58, 42.95
CIE _{LCh}	54, 89.557, 28.660
Yxy	22.1465, 0.5952, 0.3132
Android (android.graphics.Color)	4294842941 (0xFFFE1A3D)
YUV	98.1620, -18.3209, 136.6699
Hunter-Lab	47.0601, 77.2732, 24.7887

Details

The XYZ color **42.0847, 22.1465, 6.4715** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **48.6589, 76.2193, 79.1876**, and the grayscale version is **11.6766, 12.2847, 13.3780**.

A 20% lighter version of the original color is **48.9506, 32.2648, 18.1157**, and **20.8482, 10.7350, 1.5455** is the 20% darker color. If you saturate the color by 10%, you get **41.2541, 21.2342, 3.8872**, and if you desaturate by 10%, it is **43.6179, 24.0933, 10.4353**.

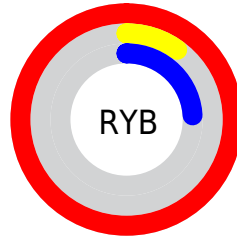
Distribution



Red (100%)

Green (10%)

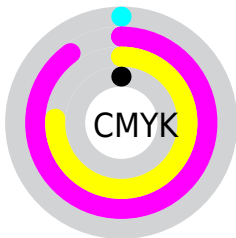
Blue (24%)



Red (100%)

Yellow (10%)

Blue (24%)

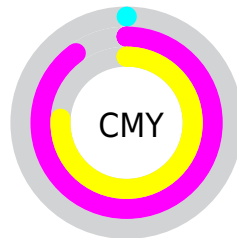


Cyan (0%)

Magenta (90%)

Yellow (76%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0847, 22.1465, 6.4715 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 42.0847, 22.1465, 6.4715 by changing the saturation by 10% instead.

 42.0847, 22.1465,
6.4715


 42.0847, 22.1465,
6.4715


345.8196,
263.3104, 172.6579

 29.3590, 13.9646,
3.0605


 77.5922, 46.9880,
19.3963


 19.4982, 8.0960,
1.1256


 101.1046, 64.4164,
29.7471

 12.1370, 4.1565,
0.0000


 128.9434, 85.6957,
43.2482

 6.9099, 1.7615,
0.0000

 161.4739,
111.2104, 60.3182

 3.4516, 0.4630,
0.0000

 199.0614,
141.3448, 81.3757

 1.3969, 0.0000,
0.0000

 242.0713,

 0.2540, 0.0000,

176.4833, 106.8391

0.0000

290.8689,
217.0104, 137.1269

■ 0.0000, 0.0000,
0.0000

■ 42.0847, 22.1465,
6.4715

■ 42.0847, 22.1465,
6.4715

■ 41.2541, 21.2342,
3.8872

■ 43.6179, 24.0933,
10.4353

■ 41.2383, 21.2169,
3.8377

■ 46.0141, 27.3549,
15.9538

■ 49.3816, 32.1133,
23.1699

■ 53.8120, 38.5208,
32.2096

■ 59.3860, 46.7108,
43.1866

66.1765, 56.8031,
56.2053

74.2503, 68.9070,
71.3628

83.6693, 83.1236,
88.7495

94.4913, 99.5472,
108.4510

Harmonies

Analogous

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



45.8169, 22.1465, 25.3876



42.0847, 22.1465, 6.4715



32.3473, 22.1465, 1.2004

Triad

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



42.0847, 22.1465, 6.4715



8.7793, 22.1465, 5.6105



20.6154, 22.1465, 127.0140

Complementary

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



42.0847, 22.1465, 6.4715



48.6589, 76.2193, 79.1876

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.



12.7464, 22.1465, 104.8413



42.0847, 22.1465, 6.4715



7.3455, 22.1465, 22.8832

Square

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



42.0847, 22.1465, 6.4715



13.2961, 22.1465, 1.0388



8.5375, 22.1465, 59.9866



31.3493, 22.1465, 108.2122

Rectangle

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



42.0847, 22.1465, 6.4715



24.9437, 22.1465, 0.3921



8.5375, 22.1465, 59.9866



17.5834, 22.1465, 123.9195

Sweetspot

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



42.0852, 22.1479, 6.4718



68.8754, 60.4590, 60.6892



46.5798, 22.4957, 95.6522



14.1849, 12.1080, 11.9356



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.



42.0852, 22.1479, 6.4718



41.6081, 21.4072, 3.8683



45.8131, 30.6526, 4.4812



18.1229, 18.0325, 19.2645



21.7747, 11.1992, 2.1982



2.1517, 1.1031, 0.3803

Inverse Universe

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



42.0852, 22.1479, 6.4718



41.6081, 21.4072, 3.8683



34.2387, 39.2209, 99.5310



18.1229, 18.0325, 19.2645



21.7747, 11.1992, 2.1982



2.1517, 1.1031, 0.3803

Previews

White Background



This preview shows how the XYZ color 42.0847, 22.1465, 6.4715 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 42.0847, 22.1465, 6.4715 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 42.0847, 22.1465, 6.4715

Background



This preview shows how black text looks on a background with the XYZ color 42.0847, 22.1465, 6.4715.



This preview shows how white text looks on a background with the XYZ color 42.0847, 22.1465,

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

42.0847, 22.1465, 6.4715

Protanopia

20.8555, 22.3833, 13.1187

Deuteranopia

22.8051, 22.3991, 5.7063



Tritanopia

41.3018, 22.1154, 3.2543

Trichromacy



Original Color

42.0847, 22.1465, 6.4715

Protanomaly

24.5665, 18.1786, 9.8034

Deuteranomaly

26.8522, 18.9542, 5.3752

Tritanomaly

41.3982, 22.0227, 4.1667

Monochromacy



Original Color

42.0847, 22.1465, 6.4715

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

17.4746, 12.2592, 10.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0847, 22.1465, 6.4715 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(254, 26, 61)` looks like.

```
.text, #text, p{  
    color:rgb(254, 26, 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(254, 26, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 26, 61) }
```

Border

The CSS property to change the border of an element to XYZ 42.0847, 22.1465, 6.4715 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(254, 26, 61) }
```


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

```
.border{ border-color:rgb(254, 26, 61) }
```

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

Here you see how a box with a 4 pixel rgb(254, 26, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 26, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 26, 61);  
box-shadow:4px 4px 4px 4px rgb(254, 26,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0847, 22.1465, 6.4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 26, 61) }
```

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

```
.background{ background-color: rgb(254, 26,  
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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