

Converting Colors

XYZ(42.8932, 22.4278, 9.0744)

Have a look what the booklet for
XYZ(42.8932, 22.4278, 9.0744)
contains.

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Color

**XYZ(42.9062, 22.4491,
9.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	FF184D
RGB	255, 24, 77
RGB Percent	100%, 9%, 30%
CMY	0.0000, 0.9057, 0.6980
CMYK	0.00, 0.91, 0.70, 0.00
HSL	346°, 100%, 55%
HSV	346°, 91%, 100%
XYZ	42.9062, 22.4491, 9.0929
YIQ	99.1110, 120.6630, 65.4550

Conversions

Conversions Part 2

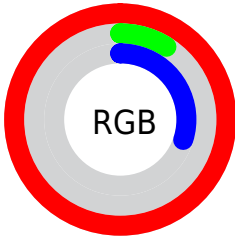
Format	Color
RYB	255, 24, 77
Decimal	16717901
CIELab	54.50, 79.68, 34.13
CIElCh	55, 86.680, 23.189
Yxy	22.4491, 0.5763, 0.3015
Android (android.graphics.Color)	4294907981 (0xFFFF184D)
YUV	99.1110, -10.9007, 136.7147
Hunter-Lab	47.3805, 78.7279, 21.7879

Details

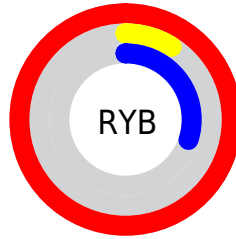
The XYZ color **42.9062, 22.4491, 9.0929** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **46.8023, 75.9802, 68.0984**, and the grayscale version is **11.8978, 12.5175, 13.6315**.

A 20% lighter version of the original color is **49.9562, 32.6670, 23.4110**, and **21.2750, 10.9343, 2.5026** is the 20% darker color. If you saturate the color by 10%, you get **42.0156, 21.5702, 6.0157**, and if you desaturate by 10%, it is **44.5022, 24.3583, 13.5807**.

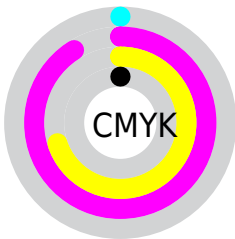
Distribution



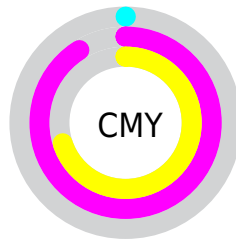
- Red (100%)
- Green (9%)
- Blue (30%)



- Red (100%)
- Yellow (9%)
- Blue (30%)



- Cyan (0%)
- Magenta (91%)
- Yellow (70%)
- Black (0%)





- Cyan (0%)
- Magenta (91%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9062, 22.4491, 9.0929 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 42.9062, 22.4491, 9.0929 by changing the saturation by 10% instead.


 42.9062, 22.4491,
9.0929

 42.9062, 22.4491,
9.0929

349.1539,
264.8827, 194.3129

 30.0057, 14.1873,
4.7042


 78.8259, 47.4871,
24.6553

 19.9910, 8.2510,
2.0191


 102.5758, 65.0321,
36.6661


 12.4967, 4.2560,
0.5670


 130.6729, 86.4403,
52.0547

 7.1575, 1.8178,
0.0000

 163.4826,
112.0961, 71.2395

 3.6080, 0.4982,
0.0000

 201.3702,
142.3838, 94.6393

 1.4829, 0.0000,
0.0000

244.7010,

 0.3141, 0.0000,

177.6879, 122.6724

0.0000

293.8405,
218.3927, 155.7574

■ 0.0000, 0.0000,
0.0000

■ 42.9062, 22.4491,
9.0929

■ 42.9062, 22.4491,
9.0929

■ 42.0156, 21.5702,
6.0157

■ 44.5022, 24.3583,
13.5807

■ 46.9285, 27.5651,
19.4635

■ 50.2895, 32.2540,
26.8519

■ 54.6731, 38.5782,
35.8444

■ 60.1566, 46.6718,
46.5307

66.8099, 56.6550,
58.9936

74.6966, 68.6374,
73.3102

83.8761, 82.7200,
89.5533

94.4036, 98.9973,
107.7914

Harmonies

Analogous

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



45.0871, 22.4491, 31.1836



42.9062, 22.4491, 9.0929



34.2537, 22.4491, 1.9308

Triad

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



42.9062, 22.4491, 9.0929



9.8030, 22.4491, 4.5920



19.2444, 22.4491, 121.8096

Complementary

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



42.9062, 22.4491, 9.0929



46.8023, 75.9802, 68.0984

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.



12.1603, 22.4491, 94.7610



42.9062, 22.4491, 9.0929



7.8573, 22.4491, 18.7517

Square

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



42.9062, 22.4491, 9.0929



14.9247, 22.4491, 0.9994



8.5695, 22.4491, 51.3578



29.3649, 22.4491, 110.9029

Rectangle

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



42.9062, 22.4491, 9.0929



27.0654, 22.4491, 0.7684



8.5695, 22.4491, 51.3578



16.4802, 22.4491, 116.4472

Sweetspot

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



42.9067, 22.4505, 9.0932



69.4839, 60.7024, 63.8934



42.4938, 20.3073, 96.2872



14.3249, 12.1640, 12.6728



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.



42.9067, 22.4505, 9.0932



42.0159, 21.5704, 6.0157



44.7031, 27.9222, 3.8996



18.1800, 18.0553, 19.5649



22.0007, 11.2896, 3.3883



2.1817, 1.1150, 0.5381

Inverse Universe

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



42.9067, 22.4505, 9.0932



42.0159, 21.5704, 6.0157



37.5881, 45.7358, 101.4539



18.1800, 18.0553, 19.5649



22.0007, 11.2896, 3.3883



2.1817, 1.1150, 0.5381

Previews

White Background



This preview shows how the XYZ color 42.9062, 22.4491, 9.0929 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 42.9062, 22.4491, 9.0929 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 42.9062, 22.4491, 9.0929

Background



This preview shows how black text looks on a background with the XYZ color 42.9062, 22.4491, 9.0929.



This preview shows how white text looks on a background with the XYZ color 42.9062, 22.4491,

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

42.9062, 22.4491, 9.0929

Protanopia

21.4135, 22.7432, 18.8841

Deuteranopia

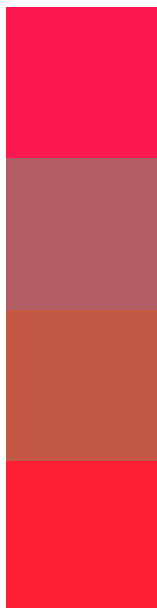
22.9857, 22.6260, 8.1568



Tritanopia

41.8234, 22.5095, 3.6538

Trichromacy



Original Color

42.9062, 22.4491, 9.0929

Protanomaly

24.9498, 18.2777, 14.2695

Deuteranomaly

27.0696, 19.0112, 7.8730

Tritanomaly

41.9653, 22.3341, 5.1167

Monochromacy



Original Color

42.9062, 22.4491, 9.0929

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

17.9160, 12.4580, 11.3579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9062, 22.4491, 9.0929 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(255, 24, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 24, 77)  
}
```

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(255, 24, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 77) }
```

Border

The CSS property to change the border of an element to XYZ 42.9062, 22.4491, 9.0929 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(255, 24, 77) }
```


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

```
.border{ border-color:rgb(255, 24, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 24, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9062, 22.4491, 9.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 77) }
```

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

```
.background{ background-color: rgb(255, 24,  
77) }
```

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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