

Converting Colors

XYZ(49.0275, 31.2145, 21.8533)

Have a look what the booklet for
XYZ(49.0275, 31.2145, 21.8533)
contains.

XYZ(49.0275, 31.2145, 21.8533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.0275, 31.2145,
21.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	FF617A
RGB	255, 97, 122
RGB Percent	100%, 38%, 48%
CMY	0.0000, 0.6196, 0.5216
CMYK	0.00, 0.62, 0.52, 0.00
HSL	351°, 100%, 69%
HSV	351°, 62%, 100%
XYZ	49.0275, 31.2145, 21.8533
YIQ	147.0920, 86.1430, 41.2710

Conversions

Conversions Part 2

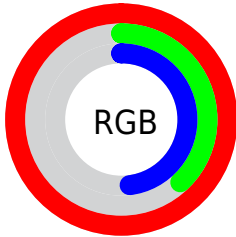
Format	Color
R_{YB}	255, 97, 122
Decimal	16736634
CIE _{Lab}	62.69, 61.82, 18.57
CIE _{LCh}	63, 64.549, 16.721
Yxy	31.2145, 0.4802, 0.3057
Android (android.graphics.Color)	4294926714 (0xFFFF617A)
YUV	147.0920, -12.3704, 94.6353
Hunter-Lab	55.8699, 58.8666, 15.9179

Details

The XYZ color **49.0275, 31.2145, 21.8533** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.9747, 79.7752, 87.3698**, and the grayscale version is **27.7972, 29.2448, 31.8476**.

A 20% lighter version of the original color is **60.4356, 47.4272, 46.0135**, and **23.8004, 12.9759, 7.7287** is the 20% darker color. If you saturate the color by 10%, you get **45.8518, 26.7620, 14.9416**, and if you desaturate by 10%, it is **53.2555, 37.3018, 30.5656**.

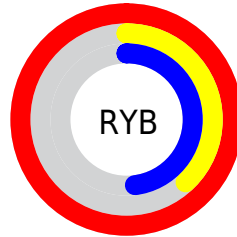
Distribution



Red (100%)

Green (38%)

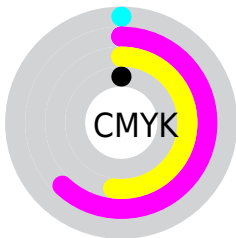
Blue (48%)



Red (100%)

Yellow (38%)

Blue (48%)

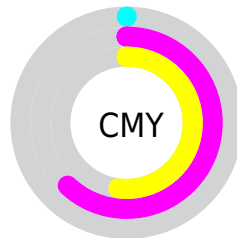


Cyan (0%)

Magenta (62%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0275, 31.2145, 21.8533 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 49.0275, 31.2145, 21.8533 by changing the saturation by 10% instead.


 49.0275, 31.2145,
21.8533


 49.0275, 31.2145,
21.8533


373.3657,
307.5253, 274.7077


 34.8559, 20.7622,
13.5519


 87.9328, 61.5776,
47.4025


 23.7179, 12.9503,
7.6745


 113.3972, 82.2573,
65.4873

 15.2481, 7.3943,
3.8026


 143.3566,
107.1148, 87.6704

 9.0811, 3.7099,
1.5177

 178.1763,
136.5347, 114.3702

 4.8517, 1.5127,
0.2310

218.2217,
170.9013, 146.0053

 2.1944, 0.2976,
0.0000

263.8582,

 0.7398, 0.0000,

210.5990, 182.9942

0.0000

315.4511,
256.0122, 225.7555

■ 0.0000, 0.0000,
0.0000

■ 49.0275, 31.2145,
21.8533

■ 49.0275, 31.2145,
21.8533

■ 45.8518, 26.7620,
14.9416

■ 53.2555, 37.3018,
30.5656

■ 43.6309, 23.7802,
9.7005

■ 58.6167, 45.1569,
41.1922

■ 42.2527, 22.0798,
5.9849

■ 65.1867, 54.9050,
53.8395

■ 41.6286, 21.4154,
3.9771

■ 73.0341, 66.6585,
68.6052

■ 82.2219, 80.5211,
85.5808

92.8092, 96.5892,
104.8525

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



49.3965, 31.2145, 46.3920



49.0275, 31.2145, 21.8533



42.8618, 31.2145, 9.4905

Triad

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



49.0275, 31.2145, 21.8533



18.9663, 31.2145, 10.3983



25.9453, 31.2145, 106.4396

Complementary

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



49.0275, 31.2145, 21.8533



54.9747, 79.7752, 87.3698

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.



19.5052, 31.2145, 82.9507



49.0275, 31.2145, 21.8533



16.0476, 31.2145, 24.0180

Square

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



49.0275, 31.2145, 21.8533



25.0569, 31.2145, 5.4817



16.2230, 31.2145, 49.9425



34.8137, 31.2145, 104.8333

Rectangle

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



49.0275, 31.2145, 21.8533



36.8789, 31.2145, 6.0636



16.2230, 31.2145, 49.9425



23.4650, 31.2145, 100.8628

Sweetspot

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



49.0283, 31.2162, 21.8538



75.6089, 70.5339, 73.3910



54.5327, 32.3746, 97.9820



15.6500, 14.2942, 14.7172



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.



49.0283, 31.2162, 21.8538



45.3240, 26.0389, 13.7395



54.2521, 43.8316, 16.9126



18.1265, 18.0339, 19.2834



21.7864, 11.2038, 2.2595



2.1534, 1.1037, 0.3891

Inverse Universe

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



49.0283, 31.2162, 21.8538



45.3240, 26.0389, 13.7395



44.1802, 52.1609, 102.3468



18.1265, 18.0339, 19.2834



21.7864, 11.2038, 2.2595



2.1534, 1.1037, 0.3891

Previews

White Background



This preview shows how the XYZ color 49.0275, 31.2145, 21.8533 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 49.0275, 31.2145, 21.8533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

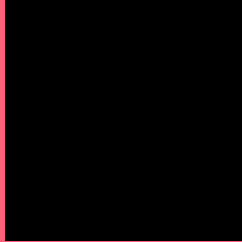
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0275, 31.2145, 21.8533

Background



This preview shows how black text looks on a background with the XYZ color 49.0275, 31.2145, 21.8533.



This preview shows how white text looks on a background with the XYZ color 49.0275, 31.2145,

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

49.0275, 31.2145, 21.8533

Protanopia

30.0090, 31.2717, 32.8882

Deuteranopia

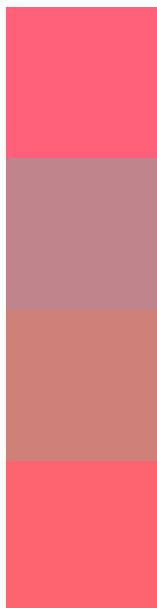
31.9638, 31.3793, 20.5918



Tritanopia

48.0317, 31.2258, 17.1313

Trichromacy



Original Color

49.0275, 31.2145, 21.8533

Protanomaly

34.2624, 29.1730, 28.2512

Deuteranomaly

36.7213, 30.0117, 20.9970

Tritanomaly

48.2595, 31.1644, 18.8010

Monochromacy



Original Color

49.0275, 31.2145, 21.8533

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

32.6874, 27.9746, 27.7216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0275, 31.2145, 21.8533 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, 97, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 122)  
}
```

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, 97, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 122) }
```

Border

The CSS property to change the border of an element to XYZ 49.0275, 31.2145, 21.8533 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, 97, 122) }
```


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

```
.border{ border-color:rgb(255, 97, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 97, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0275, 31.2145, 21.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 122) }
```

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

```
.background{ background-color: rgb(255, 97,  
122) }
```

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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