

Converting Colors

XYZ(42.0155, 31.2648, 22.7003)

Have a look what the booklet for
XYZ(42.0155, 31.2648, 22.7003)
contains.

XYZ(41.9702, 31.1939, 22.5478)	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(41.9702, 31.1939,
22.5478)**

Conversions

Conversions Part 1

Format	Color
Hex	E3787B
RGB	227, 120, 123
RGB Percent	89%, 47%, 48%
CMY	0.1098, 0.5294, 0.5176
CMYK	0.00, 0.47, 0.46, 0.11
HSL	358°, 66%, 68%
HSV	358°, 47%, 89%
XYZ	41.9702, 31.1939, 22.5478
YIQ	152.3350, 62.8090, 23.6170

Conversions

Conversions Part 2

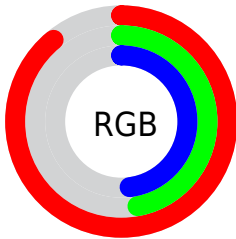
Format	Color
R _Y B	227, 120, 123
Decimal	14907515
CIE Lab	62.67, 41.65, 17.31
CIE LCh	63, 45.104, 22.574
Yxy	31.1939, 0.4385, 0.3259
Android (android.graphics.Color)	4293097595 (0xFFE3787B)
YUV	152.3350, -14.4622, 65.4812
Hunter-Lab	55.8515, 36.3956, 15.1601

Details

The XYZ color **41.9702, 31.1939, 22.5478** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.6710, 64.3138, 80.3737**, and the grayscale version is **30.0322, 31.5962, 34.4083**.

A 20% lighter version of the original color is **64.1139, 54.6272, 47.7224**, and **19.4516, 12.9535, 7.9536** is the 20% darker color. If you saturate the color by 10%, you get **38.3274, 25.8754, 15.2699**, and if you desaturate by 10%, it is **46.5729, 37.9342, 31.6819**.

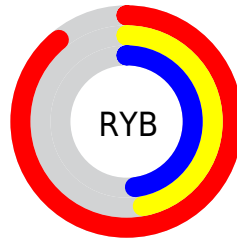
Distribution



Red (89%)

Green (47%)

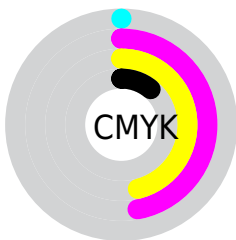
Blue (48%)



Red (89%)

Yellow (47%)

Blue (48%)

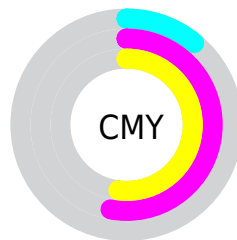


Cyan (0%)

Magenta (47%)

Yellow (46%)

Black (11%)



Cyan (11%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9702, 31.1939, 22.5478 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 41.9702, 31.1939, 22.5478 by changing the saturation by 10% instead.

41.9702, 31.1939,
22.5478

41.9702, 31.1939,
22.5478

345.3531,
307.4306, 278.4401

29.2690, 20.7465,
14.0578

77.4200, 61.5452,
48.5635

19.4297, 12.9389,
8.0217

100.8992, 82.2180,
66.9263

12.0870, 7.3865,
4.0208

128.7018,
107.0680, 89.4170

6.8756, 3.7049,
1.6368

161.1932,
136.4796, 116.4544

3.4301, 1.5099,
0.3169

198.7387,
170.8373, 148.4568

1.3851, 0.2957,
0.0000

241.7036,

0.2455, 0.0000,

210.5255, 185.8429

0.0000

290.4533,
255.9284, 229.0311

■ 0.0000, 0.0000,
0.0000

■ 41.9702, 31.1939,
22.5478

■ 41.9702, 31.1939,
22.5478

■ 38.3274, 25.8754,
15.2699

■ 46.5729, 37.9342,
31.6819

■ 35.5746, 21.8725,
9.7194

■ 52.1942, 46.1829,
42.7857

■ 33.6361, 19.0720,
5.7541

■ 58.8910, 56.0255,
55.9653

■ 32.4225, 17.3396,
3.2081

■ 66.7153, 67.5396,
71.3191

■ 31.8197, 16.5004,
1.8777

■ 75.7155, 80.7977,
88.9390

■ 31.7133, 16.3448,
1.6658

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



42.9961, 31.1939, 38.5353



41.9702, 31.1939, 22.5478



37.4360, 31.1939, 13.5373

Triad

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



41.9702, 31.1939, 22.5478



21.2109, 31.1939, 17.2538



28.1458, 31.1939, 79.8605

Complementary

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



41.9702, 31.1939, 22.5478



48.6710, 64.3138, 80.3737

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.



23.0242, 31.1939, 68.6038



41.9702, 31.1939, 22.5478



19.3964, 31.1939, 29.7709

Square

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



41.9702, 31.1939, 22.5478



25.3352, 31.1939, 11.3012



20.0111, 31.1939, 48.7025



34.4263, 31.1939, 75.8424

Rectangle

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



41.9702, 31.1939, 22.5478



33.3350, 31.1939, 10.8088



20.0111, 31.1939, 48.7025



26.2450, 31.1939, 77.6342

Sweetspot

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



41.9710, 31.1955, 22.5484



79.6078, 77.2629, 78.6354



51.1475, 34.7375, 76.6822



16.5871, 15.8722, 15.9430



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.



41.9710, 31.1955, 22.5484



49.7994, 33.5450, 19.6855



49.4320, 46.4129, 24.1247



14.3933, 14.3745, 15.0053



18.5024, 9.5352, 1.0087



1.3731, 0.7069, 0.1051

Inverse Universe

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



41.9710, 31.1955, 22.5484



49.7994, 33.5450, 19.6855



37.3477, 41.0114, 78.6205



14.3933, 14.3745, 15.0053



18.5024, 9.5352, 1.0087



1.3731, 0.7069, 0.1051

Previews

White Background



This preview shows how the XYZ color 41.9702, 31.1939, 22.5478 looks on a white background.

Color Contrast Check

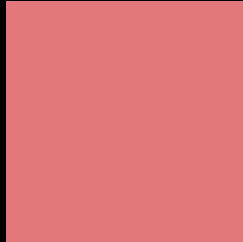
Large Text (above 18pt) WCAG AA × Fail

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 41.9702, 31.1939, 22.5478 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 41.9702, 31.1939, 22.5478

Background



This preview shows how black text looks on a background with the XYZ color 41.9702, 31.1939, 22.5478.



This preview shows how white text looks on a background with the XYZ color 41.9702, 31.1939,

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

41.9702, 31.1939, 22.5478

Protanopia

29.9890, 31.5897, 28.9429

Deuteranopia

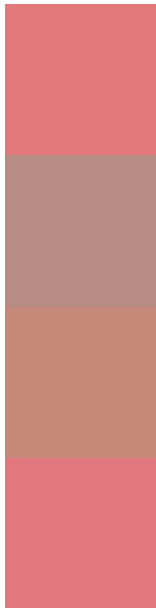
31.9688, 31.3547, 21.8199



Tritanopia

42.1717, 31.0831, 24.1990

Trichromacy



Original Color

41.9702, 31.1939, 22.5478

Protanomaly

33.1402, 30.5169, 26.3340

Deuteranomaly

35.1008, 30.9831, 21.8996

Tritanomaly

42.0413, 31.0309, 23.5124

Monochromacy



Original Color

41.9702, 31.1939, 22.5478

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.7762, 30.2630, 29.3131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9702, 31.1939, 22.5478 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(227, 120, 123)` looks like.

```
.text, #text, p{  
    color:rgb(227, 120, 123)  
}
```

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(227, 120, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 120, 123) }
```

Border

The CSS property to change the border of an element to XYZ 41.9702, 31.1939, 22.5478 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(227, 120, 123) }
```


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

```
.border{ border-color:rgb(227, 120, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 120, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 120, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 120, 123);  
box-shadow:4px 4px 4px 4px rgb(227, 120,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9702, 31.1939, 22.5478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 120, 123) }
```

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

```
.background{ background-color: rgb(227,  
120, 123) }
```

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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