

Converting Colors

XYZ(42.3049, 30.1446, 22.1172)

Have a look what the booklet for
XYZ(42.3049, 30.1446, 22.1172)
contains.

XYZ(42.3730, 30.2043, 22.0091)	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(42.3730, 30.2043,
22.0091)**

Conversions

Conversions Part 1

Format	Color
Hex	E7717A
RGB	231, 113, 122
RGB Percent	91%, 44%, 48%
CMY	0.0941, 0.5568, 0.5216
CMYK	0.00, 0.51, 0.47, 0.09
HSL	355°, 71%, 67%
HSV	355°, 51%, 91%
XYZ	42.3730, 30.2043, 22.0091
YIQ	149.3080, 67.4390, 27.8150

Conversions

Conversions Part 2

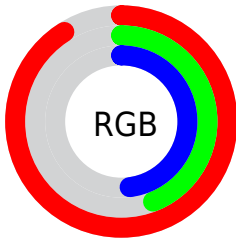
Format	Color
R_{YB}	231, 113, 122
Decimal	15167866
CIE _{Lab}	61.83, 46.49, 16.81
CIE _{LCh}	62, 49.435, 19.885
Yxy	30.2043, 0.4480, 0.3193
Android (android.graphics.Color)	4293357946 (0xFFE7717A)
YUV	149.3080, -13.4628, 71.6439
Hunter-Lab	54.9584, 41.4464, 14.7272

Details

The XYZ color **42.3730, 30.2043, 22.0091** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.5724, 65.9372, 79.2785**, and the grayscale version is **28.7327, 30.2291, 32.9195**.

A 20% lighter version of the original color is **62.6987, 51.9534, 46.7678**, and **19.6465, 12.3841, 7.8334** is the 20% darker color. If you saturate the color by 10%, you get **38.9357, 25.2185, 15.0407**, and if you desaturate by 10%, it is **46.7579, 36.6209, 30.7260**.

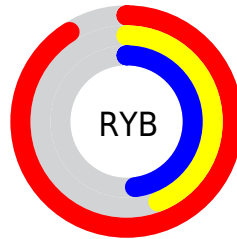
Distribution



Red (91%)

Green (44%)

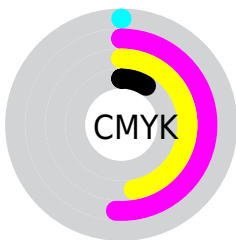
Blue (48%)



Red (91%)

Yellow (44%)

Blue (48%)

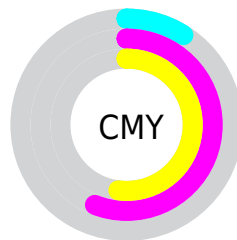


Cyan (0%)

Magenta (51%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3730, 30.2043, 22.0091 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 42.3730, 30.2043, 22.0091 by changing the saturation by 10% instead.

42.3730, 30.2043,
22.0091

42.3730, 30.2043,
22.0091

346.9922,
302.8556, 275.5488

29.5859, 19.9937,
13.6652

78.0255, 59.9851,
47.6634

19.6710, 12.3905,
7.7521

101.6215, 80.3241,
65.8109

12.2630, 7.0102,
3.8512

129.5512,
104.8081, 88.0634

6.9965, 3.4685,
1.5441

162.1799,
133.8213, 114.8393

3.5062, 1.3809,
0.2505

199.8730,
167.7483, 146.5573

1.4268, 0.2026,
0.0000

242.9959,

0.2752, 0.0000,

206.9734, 183.6359

0.0000

291.9138,
251.8811, 226.4935

■ 0.0000, 0.0000,
0.0000

■ 42.3730, 30.2043,
22.0091

■ 42.3730, 30.2043,
22.0091

■ 38.9357, 25.2185,
15.0407

■ 46.7579, 36.6209,
30.7260

■ 36.3737, 21.5495,
9.7012

■ 52.1511, 44.5614,
41.2970

■ 34.6081, 19.0738,
5.8583

■ 58.6107, 54.1166,
53.8212

■ 33.5443, 17.6422,
3.3584

■ 66.1900, 65.3690,
68.3900

■ 33.0609, 17.0313,
2.1005

■ 74.9386, 78.3953,
85.0892

■ 84.9030, 93.2675,
103.9998

■ 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



43.1023, 30.2043, 39.6927



42.3730, 30.2043, 22.0091



37.6865, 30.2043, 12.1868

Triad

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



42.3730, 30.2043, 22.0091



20.0553, 30.2043, 14.5873



26.5365, 30.2043, 83.2148

Complementary

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



42.3730, 30.2043, 22.0091



48.5724, 65.9372, 79.2785

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.



21.2828, 30.2043, 69.2499



42.3730, 30.2043, 22.0091



17.9392, 30.2043, 26.9080

Square

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



42.3730, 30.2043, 22.0091



24.6044, 30.2043, 9.1813



18.3512, 30.2043, 46.8637



33.2449, 30.2043, 80.2752

Rectangle

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



42.3730, 30.2043, 22.0091



33.2978, 30.2043, 9.2026



18.3512, 30.2043, 46.8637



24.5611, 30.2043, 80.1846

Sweetspot

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



42.3738, 30.2059, 22.0096



78.8625, 75.9065, 77.9731



50.1994, 32.9797, 79.3211



16.4500, 15.6091, 15.8633



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.



42.3738, 30.2059, 22.0096



48.6308, 31.4237, 18.6299



48.8864, 44.0822, 21.5570



14.4213, 14.3857, 15.1532



18.5517, 9.5549, 1.2681



1.3865, 0.7123, 0.1760

Inverse Universe

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



42.3738, 30.2059, 22.0096



48.6308, 31.4237, 18.6299



37.9291, 42.6695, 81.8382



14.4213, 14.3857, 15.1532



18.5517, 9.5549, 1.2681



1.3865, 0.7123, 0.1760

Previews

White Background



This preview shows how the XYZ color 42.3730, 30.2043, 22.0091 looks on a white background.

Color Contrast Check

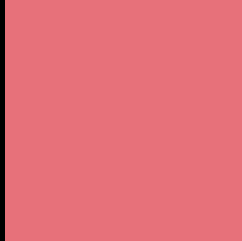
Large Text (above 18pt) WCAG AA × Fail

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 42.3730, 30.2043, 22.0091 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 42.3730, 30.2043, 22.0091

Background



This preview shows how black text looks on a background with the XYZ color 42.3730, 30.2043, 22.0091.



This preview shows how white text looks on a background with the XYZ color 42.3730, 30.2043,

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

42.3730, 30.2043, 22.0091

Protanopia

28.9986, 30.3569, 29.1420

Deuteranopia

30.8633, 30.3448, 21.0601



Tritanopia

42.3113, 30.1797, 21.6844

Trichromacy



Original Color

42.3730, 30.2043, 22.0091

Protanomaly

32.5662, 29.3691, 26.1427

Deuteranomaly

34.2230, 29.7091, 21.3834

Tritanomaly

42.3113, 30.1797, 21.6844

Monochromacy



Original Color

42.3730, 30.2043, 22.0091

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

32.0548, 29.0561, 28.3450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3730, 30.2043, 22.0091 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(231, 113, 122)` looks like.

```
.text, #text, p{  
    color:rgb(231, 113, 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(231, 113, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 113, 122) }
```

Border

The CSS property to change the border of an element to XYZ 42.3730, 30.2043, 22.0091 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(231, 113, 122) }
```


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

```
.border{ border-color:rgb(231, 113, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 113, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(231, 113,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3730, 30.2043, 22.0091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 113, 122) }
```

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

```
.background{ background-color: rgb(231,  
113, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor