

Converting Colors

XYZ(40.2819, 28.6448, 22.6087)

Have a look what the booklet for
XYZ(40.2819, 28.6448, 22.6087)
contains.

XYZ(40.2654, 28.6146, 22.4697)	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(40.2654, 28.6146,
22.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	E16E7C
RGB	225, 110, 124
RGB Percent	88%, 43%, 49%
CMY	0.1176, 0.5686, 0.5137
CMYK	0.00, 0.51, 0.45, 0.12
HSL	353°, 66%, 66%
HSV	353°, 51%, 88%
XYZ	40.2654, 28.6146, 22.4697
YIQ	145.9810, 64.0460, 28.7340

Conversions

Conversions Part 2

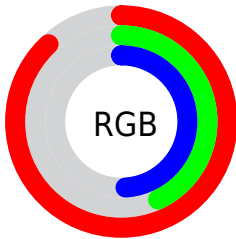
Format	Color
R _Y B	225, 110, 124
Decimal	14773884
CIE Lab	60.44, 46.04, 13.60
CIE LCh	60, 48.007, 16.462
Yxy	28.6146, 0.4408, 0.3132
Android (android.graphics.Color)	4292963964 (0xFFE16E7C)
YUV	145.9810, -10.8366, 69.2997
Hunter-Lab	53.4926, 40.7499, 12.5399

Details

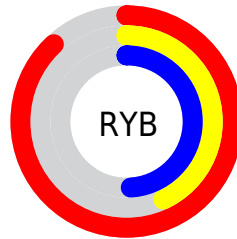
The XYZ color **40.2654, 28.6146, 22.4697** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.1151, 61.8693, 71.1961**, and the grayscale version is **27.3393, 28.7630, 31.3229**.

A 20% lighter version of the original color is **62.3519, 50.9455, 47.6215**, and **18.4590, 11.5412, 7.9114** is the 20% darker color. If you saturate the color by 10%, you get **37.0116, 23.9106, 15.8249**, and if you desaturate by 10%, it is **44.3874, 34.6542, 30.6400**.

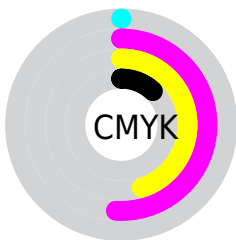
Distribution



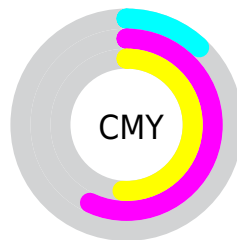
- Red (88%)
- Green (43%)
- Blue (49%)



- Red (88%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (51%)
- Yellow (45%)
- Black (12%)





- Cyan (12%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2654, 28.6146, 22.4697 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 40.2654, 28.6146, 22.4697 by changing the saturation by 10% instead.


 40.2654, 28.6146,
22.4697


 40.2654, 28.6146,
22.4697


338.3562,
295.3922, 278.0225

 27.9307, 18.7895,
14.0008


 74.8493, 57.4642,
48.4332


 18.4136, 11.5183,
7.9825


 97.8291, 77.2574,
66.7649

 11.3488, 6.4166,
3.9961


 125.0880,
101.1422, 89.2213

 6.3710, 3.1000,
1.6232

 156.9914,
129.5028, 116.2209

 3.1147, 1.1842,
0.3073

193.9045,
162.7238, 148.1823

 1.2147, 0.0487,
0.0000

236.1928,

 0.1179, 0.0000,

201.1894, 185.5240

0.0000

284.2216,
245.2840, 228.6646

■ 0.0000, 0.0000,
0.0000

■ 40.2654, 28.6146,
22.4697

■ 40.2654, 28.6146,
22.4697

■ 37.0116, 23.9106,
15.8249

■ 44.3874, 34.6542,
30.6400

■ 34.5610, 20.4365,
10.6089

■ 49.4318, 42.1156,
40.4210

■ 32.8433, 18.0780,
6.7162

■ 55.4508, 51.0832,
51.8936

■ 31.7744, 16.6972,
4.0261

■ 62.4924, 61.6333,
65.1327

■ 31.2536, 16.0885,
2.5183

■ 70.6011, 73.8371,
80.2087

■ 79.8188, 87.7616,
97.1882

■ 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



40.4698, 28.6146, 39.8251



40.2654, 28.6146, 22.4697



36.2356, 28.6146, 12.4187

Triad

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



40.2654, 28.6146, 22.4697



19.4575, 28.6146, 13.0963



24.5083, 28.6146, 77.3634

Complementary

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



40.2654, 28.6146, 22.4697



45.1151, 61.8693, 71.1961

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.



19.8028, 28.6146, 62.9288



40.2654, 28.6146, 22.4697



17.1993, 28.6146, 23.8469

Square

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



40.2654, 28.6146, 22.4697



23.9656, 28.6146, 8.5830



17.3153, 28.6146, 41.8351



30.7073, 28.6146, 76.5416

Rectangle

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



40.2654, 28.6146, 22.4697



32.2265, 28.6146, 9.2059



17.3153, 28.6146, 41.8351



22.7207, 28.6146, 73.9549

Sweetspot

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



40.2661, 28.6161, 22.4702



79.0936, 75.9990, 79.1903



45.6511, 30.2424, 74.6655



16.5048, 15.6310, 16.1519



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.



40.2661, 28.6161, 22.4702



49.0372, 31.5862, 20.7703



45.1222, 39.6455, 20.0279



13.7748, 13.7275, 14.5840



18.0324, 9.2800, 1.5705



1.2726, 0.6523, 0.2281

Inverse Universe

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



40.2661, 28.6161, 22.4702



49.0372, 31.5862, 20.7703



36.9215, 42.5509, 77.5014



13.7748, 13.7275, 14.5840



18.0324, 9.2800, 1.5705



1.2726, 0.6523, 0.2281

Previews

White Background



This preview shows how the XYZ color 40.2654, 28.6146, 22.4697 looks on a white background.

Color Contrast Check

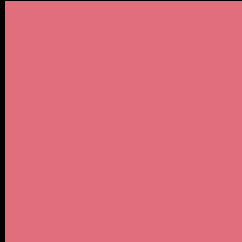
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2654, 28.6146, 22.4697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

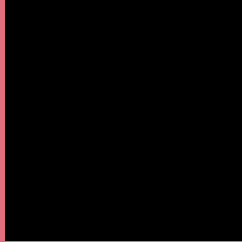
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.2654, 28.6146, 22.4697

Background



This preview shows how black text looks on a background with the XYZ color 40.2654, 28.6146, 22.4697.



This preview shows how white text looks on a background with the XYZ color 40.2654, 28.6146,

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

40.2654, 28.6146, 22.4697

Protanopia

27.7390, 28.9948, 29.7257

Deuteranopia

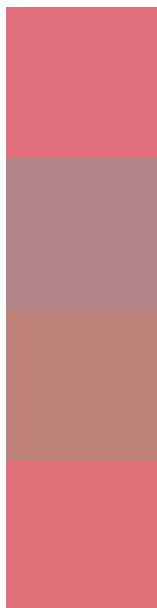
29.2854, 28.6341, 21.4362



Tritanopia

40.0656, 28.7083, 20.8823

Trichromacy



Original Color

40.2654, 28.6146, 22.4697

Protanomaly

30.8922, 27.8714, 26.6732

Deuteranomaly

32.5367, 28.0281, 21.7843

Tritanomaly

40.1870, 28.7569, 21.5217

Monochromacy



Original Color

40.2654, 28.6146, 22.4697

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.6542, 27.7240, 27.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2654, 28.6146, 22.4697 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(225, 110, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 110, 124)  
}
```

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(225, 110, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 110, 124) }
```

Border

The CSS property to change the border of an element to XYZ 40.2654, 28.6146, 22.4697 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(225, 110, 124) }
```


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

```
.border{ border-color:rgb(225, 110, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 110, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 110, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 110, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 110,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2654, 28.6146, 22.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 110, 124) }
```

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

```
.background{ background-color: rgb(225,  
110, 124) }
```

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