

Converting Colors

XYZ(37.8395, 26.0709, 15.7329)

Have a look what the booklet for
XYZ(37.8395, 26.0709, 15.7329)
contains.

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Color

**XYZ(37.7924, 26.1140,
15.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	E06566
RGB	224, 101, 102
RGB Percent	88%, 40%, 40%
CMY	0.1216, 0.6039, 0.6000
CMYK	0.00, 0.55, 0.54, 0.12
HSL	360°, 66%, 64%
HSV	360°, 55%, 88%
XYZ	37.7924, 26.1140, 15.6190
YIQ	137.8910, 72.9870, 26.3870

Conversions

Conversions Part 2

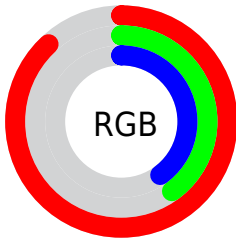
Format	Color
R _Y B	224, 101, 102
Decimal	14706022
CIE Lab	58.15, 48.08, 23.14
CIE LCh	58, 53.359, 25.702
Yxy	26.1140, 0.4752, 0.3284
Android (android.graphics.Color)	4292896102 (0xFFE06566)
YUV	137.8910, -17.6943, 75.5176
Hunter-Lab	51.1019, 42.5815, 17.6496

Details

The XYZ color **37.7924, 26.1140, 15.6190** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.3433, 61.4062, 79.2793**, and the grayscale version is **24.1627, 25.4210, 27.6835**.

A 20% lighter version of the original color is **58.7111, 47.0026, 36.1150**, and **17.0159, 10.2014, 4.6867** is the 20% darker color. If you saturate the color by 10%, you get **34.9480, 21.9587, 9.9437**, and if you desaturate by 10%, it is **41.5260, 31.5753, 23.0478**.

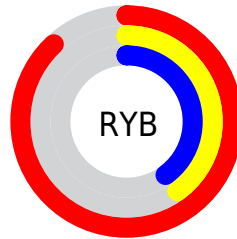
Distribution



Red (88%)

Green (40%)

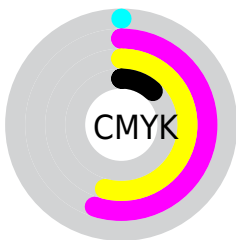
Blue (40%)



Red (88%)

Yellow (40%)

Blue (40%)

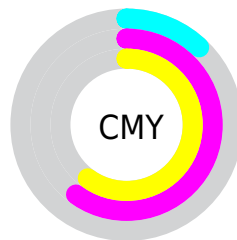


Cyan (0%)

Magenta (55%)

Yellow (54%)

Black (12%)



Cyan (12%)


Magenta (60%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7924, 26.1140, 15.6190 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 37.7924, 26.1140, 15.6190 by changing the saturation by 10% instead.


 37.7924, 26.1140,
15.6190


 37.7924, 26.1140,
15.6190


328.0249,
283.3412, 238.8514


 25.9981, 16.9089,
9.1035


 71.0958, 53.4588,
36.6930

 16.9549, 10.1696,
4.7110


 93.3356, 72.3673,
52.0887

 10.2974, 5.5115,
2.0230


 119.7879, 95.2791,
71.2815

 5.6604, 2.5504,
0.5694

 150.8181,
122.5786, 94.6899

 2.6784, 0.9018,
0.0000

186.7915,
154.6502, 122.7326

 0.9861, 0.0000,
0.0000

228.0736,

 0.0000, 0.0000,

191.8782, 155.8280

0.0000

275.0296,
234.6471, 194.3948

■ 37.7924, 26.1140,
15.6190

■ 37.7924, 26.1140,
15.6190

■ 34.9480, 21.9587,
9.9437

■ 41.5260, 31.5753,
23.0478

■ 32.9172, 18.9968,
5.8767

■ 46.2121, 38.4347,
32.3565

■ 31.6153, 17.1037,
3.2520


■ 51.9107, 46.7809,
43.6617


■ 30.9381, 16.1254,
1.8669

■ 58.6761, 56.6941,
57.0699

■ 30.7502, 15.8512,
1.4908

■ 66.5589, 68.2485,
72.6801

 75.6064, 81.5139,
90.5852

 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



39.3962, 26.1140, 31.1865



37.7924, 26.1140, 15.6190



32.5058, 26.1140, 7.9968

Triad

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



37.7924, 26.1140, 15.6190



15.9017, 26.1140, 12.7195



23.9004, 26.1140, 80.7661

Complementary

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



37.7924, 26.1140, 15.6190



45.3433, 61.4062, 79.2793

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.



18.4535, 26.1140, 69.1552



37.7924, 26.1140, 15.6190



14.3729, 26.1140, 25.8479

Square

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



37.7924, 26.1140, 15.6190



19.8099, 26.1140, 6.9052



15.2192, 26.1140, 46.8388



30.6120, 26.1140, 74.0943

Rectangle

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



37.7924, 26.1140, 15.6190



28.0192, 26.1140, 6.0055



15.2192, 26.1140, 46.8388



21.8751, 26.1140, 78.7715

Sweetspot

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



37.7930, 26.1154, 15.6195



77.5426, 74.3366, 74.2349



48.2177, 30.2123, 73.8108



16.1766, 15.2946, 15.0557



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.



37.7930, 26.1154, 15.6195



46.3878, 28.7335, 12.3465



45.7392, 42.0862, 18.0267



13.7117, 13.7023, 14.2522



17.9010, 9.2274, 0.8784



1.2424, 0.6402, 0.0693

Inverse Universe

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



37.7930, 26.1154, 15.6195



46.3878, 28.7335, 12.3465



32.1969, 34.8984, 75.5597



13.7117, 13.7023, 14.2522



17.9010, 9.2274, 0.8784



1.2424, 0.6402, 0.0693

Previews

White Background



This preview shows how the XYZ color 37.7924, 26.1140, 15.6190 looks on a white background.

Color Contrast Check

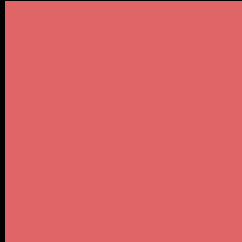
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7924, 26.1140, 15.6190 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 37.7924, 26.1140, 15.6190

Background



This preview shows how black text looks on a background with the XYZ color 37.7924, 26.1140, 15.6190.



This preview shows how white text looks on a background with the XYZ color 37.7924, 26.1140,

15.6190.

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

37.7924, 26.1140, 15.6190

Protanopia

24.8009, 26.3153, 21.5415

Deuteranopia

26.5728, 26.1102, 14.7056



Tritanopia

37.9515, 26.0232, 16.9326

Trichromacy



Original Color

37.7924, 26.1140, 15.6190

Protanomaly

28.1207, 25.2279, 19.0101

Deuteranomaly

29.9032, 25.4923, 14.8997

Tritanomaly

37.8474, 25.9816, 16.3848

Monochromacy



Original Color

37.7924, 26.1140, 15.6190

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.3975, 24.5829, 22.7030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7924, 26.1140, 15.6190 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(224, 101, 102)` looks like.

```
.text, #text, p{  
    color:rgb(224, 101, 102)  
}
```

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(224, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 101, 102) }
```

Border

The CSS property to change the border of an element to XYZ 37.7924, 26.1140, 15.6190 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(224, 101, 102) }
```


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

```
.border{ border-color:rgb(224, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(224, 101,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7924, 26.1140, 15.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 101, 102) }
```

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

```
.background{ background-color: rgb(224,  
101, 102) }
```

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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