

Converting Colors

XYZ(37.7090, 27.0002, 14.8253)

Have a look what the booklet for
XYZ(37.7090, 27.0002, 14.8253)
contains.

XYZ(37.5865, 26.9268, 14.7716)	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(37.5865, 26.9268,
14.7716)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6B62
RGB	222, 107, 98
RGB Percent	87%, 42%, 38%
CMY	0.1294, 0.5804, 0.6157
CMYK	0.00, 0.52, 0.56, 0.13
HSL	4°, 65%, 63%
HSV	4°, 56%, 87%
XYZ	37.5865, 26.9268, 14.7716
YIQ	140.3590, 71.4290, 21.5810

Conversions

Conversions Part 2

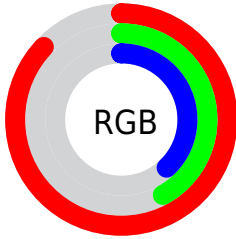
Format	Color
R_{YB}	222, 108, 98
Decimal	14576482
CIE _{Lab}	58.91, 44.13, 26.38
CIE _{LCh}	59, 51.414, 30.873
Yxy	26.9268, 0.4741, 0.3396
Android (android.graphics.Color)	4292766562 (0xFFDE6B62)
YUV	140.3590, -20.8830, 71.5992
Hunter-Lab	51.8910, 38.4845, 19.4459

Details

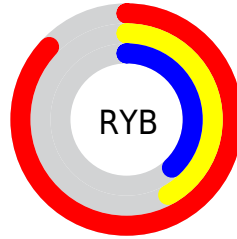
The XYZ color **37.5865, 26.9268, 14.7716** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.0145, 55.4558, 77.5966**, and the grayscale version is **25.1271, 26.4356, 28.7884**.

A 20% lighter version of the original color is **59.4097, 48.9197, 34.7450**, and **16.8640, 10.6528, 4.2993** is the 20% darker color. If you saturate the color by 10%, you get **34.7831, 22.7713, 9.3633**, and if you desaturate by 10%, it is **41.1928, 32.2233, 21.8819**.

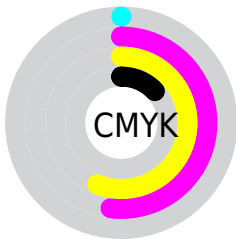
Distribution



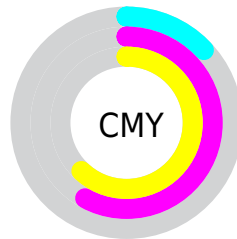
- Red (87%)
- Green (42%)
- Blue (38%)



- Red (87%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (52%)
- Yellow (56%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5865, 26.9268, 14.7716 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 37.5865, 26.9268, 14.7716 by changing the saturation by 10% instead.


 37.5865, 26.9268,
14.7716


 37.5865, 26.9268,
14.7716


327.1544,
287.3025, 233.5725


 25.8377, 17.5183,
8.5144


 70.7819, 54.7664,
35.1886

 16.8343, 10.6047,
4.3334


 92.9592, 73.9662,
50.1855

 10.2110, 5.8017,
1.8100


 119.3433, 97.1986,
68.9327

 5.6024, 2.7249,
0.4345

 150.2997,
124.8479, 91.8488

 2.6432, 0.9898,
0.0000

186.1936,
157.2986, 119.3523

 0.9680, 0.0000,
0.0000

227.3905,

 0.0000, 0.0000,

194.9350, 151.8617

0.0000

274.2556,
238.1415, 189.7956

■ 37.5865, 26.9268,
14.7716

■ 37.5865, 26.9268,
14.7716

■ 34.7831, 22.7713,
9.3633

■ 41.1928, 32.2233,
21.8819

■ 32.7190, 19.6690,
5.5131

■ 45.6552, 38.7316,
30.8189

■ 31.3245, 17.5261,
3.0561

■ 51.0245, 46.5219,
41.6974

■ 30.5148, 16.2304,
1.7887

■ 57.3469, 55.6579,
54.6224

■ 30.3112, 15.9038,
1.4722

■ 64.6657, 66.1989,
69.6914

■ 73.0214, 78.2008,
86.9955

■ 82.4522, 91.7162,
106.6207

■ 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



39.8676, 26.9268, 28.7883



37.5865, 26.9268, 14.7716



32.0173, 26.9268, 8.1354

Triad

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



37.5865, 26.9268, 14.7716



16.3297, 26.9268, 15.3646



25.7799, 26.9268, 80.1147

Complementary

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



37.5865, 26.9268, 14.7716



42.0145, 55.4558, 77.5966

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.



20.0914, 26.9268, 71.7756



37.5865, 26.9268, 14.7716



15.2115, 26.9268, 29.8556

Square

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



37.5865, 26.9268, 14.7716



19.8180, 26.9268, 8.3645



16.4682, 26.9268, 51.2066



32.3935, 26.9268, 70.8106

Rectangle

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



37.5865, 26.9268, 14.7716



27.5818, 26.9268, 6.5553



16.4682, 26.9268, 51.2066



23.7024, 26.9268, 79.2593

Sweetspot

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



37.5872, 26.9282, 14.7721



77.3287, 74.4942, 72.3593



46.5954, 29.1065, 66.6020



16.1608, 15.3807, 14.6874



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.



37.5872, 26.9282, 14.7721



47.0802, 30.3706, 11.7990



46.3807, 44.5153, 17.7032



13.7868, 13.8596, 14.2553



18.0343, 9.5065, 0.8844



1.2785, 0.7158, 0.0708

Inverse Universe

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



42.0145, 55.4558, 77.5966



53.6479, 72.9684, 105.8645



29.4069, 30.2407, 73.3941



14.0269, 15.3930, 17.6195



20.9590, 29.3876, 45.6161



1.4786, 2.0886, 3.1705

Previews

White Background



This preview shows how the XYZ color 37.5865, 26.9268, 14.7716 looks on a white background.

Color Contrast Check

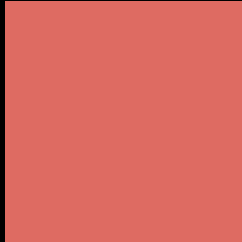
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5865, 26.9268, 14.7716 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 37.5865, 26.9268, 14.7716

Background



This preview shows how black text looks on a background with the XYZ color 37.5865, 26.9268, 14.7716.



This preview shows how white text looks on a background with the XYZ color 37.5865, 26.9268,

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

37.5865, 26.9268, 14.7716

Protanopia

25.4161, 27.1176, 19.5174

Deuteranopia

27.5745, 27.0566, 14.1250



Tritanopia

38.4076, 26.9610, 18.5089

Trichromacy



Original Color

37.5865, 26.9268, 14.7716

Protanomaly

28.6885, 26.1303, 17.7190

Deuteranomaly

30.6344, 26.4406, 14.3154

Tritanomaly

38.2393, 27.0576, 17.1171

Monochromacy



Original Color

37.5865, 26.9268, 14.7716

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.9984, 25.4651, 22.8416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5865, 26.9268, 14.7716 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(222, 107, 98)` looks like.

```
.text, #text, p{  
    color:rgb(222, 107, 98)  
}
```

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(222, 107, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 107, 98) }
```

Border

The CSS property to change the border of an element to XYZ 37.5865, 26.9268, 14.7716 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(222, 107, 98) }
```


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

```
.border{ border-color:rgb(222, 107, 98) }
```

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

Here you see how a box with a 4 pixel rgb(222, 107, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 107, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 107, 98);  
box-shadow:4px 4px 4px 4px rgb(222, 107,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5865, 26.9268, 14.7716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 107, 98) }
```

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

```
.background{ background-color: rgb(222,  
107, 98) }
```

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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