

Converting Colors

XYZ(35.3403, 22.9405, 12.4628)

Have a look what the booklet for
XYZ(35.3403, 22.9405, 12.4628)
contains.

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Color

**XYZ(35.3403, 22.9405,
12.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	DE565B
RGB	222, 86, 91
RGB Percent	87%, 34%, 36%
CMY	0.1294, 0.6627, 0.6431
CMYK	0.00, 0.61, 0.59, 0.13
HSL	358°, 67%, 60%
HSV	358°, 61%, 87%
XYZ	35.3403, 22.9405, 12.4628
YIQ	127.2340, 79.4510, 30.3870

Conversions

Conversions Part 2

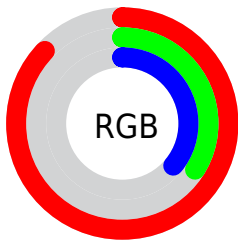
Format	Color
RYB	222, 86, 91
Decimal	14571099
CIELab	55.01, 53.46, 25.33
CIELCh	55, 59.154, 25.350
Yxy	22.9405, 0.4996, 0.3243
Android (android.graphics.Color)	4292761179 (0xFFDE565B)
YUV	127.2340, -17.8634, 83.1098
Hunter-Lab	47.8962, 47.8880, 18.0999

Details

The XYZ color **35.3403, 22.9405, 12.4628** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **42.4850, 59.2312, 74.8443**, and the grayscale version is **20.2946, 21.3515, 23.2518**.

A 20% lighter version of the original color is **55.5726, 42.2328, 30.4221**, and **15.5410, 8.5053, 3.3052** is the 20% darker color. If you saturate the color by 10%, you get **33.0400, 19.6121, 7.7750**, and if you desaturate by 10%, it is **38.4548, 27.4771, 18.7188**.

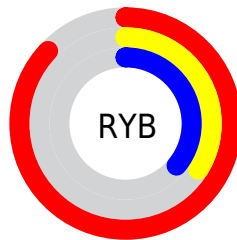
Distribution



Red (87%)

Green (34%)

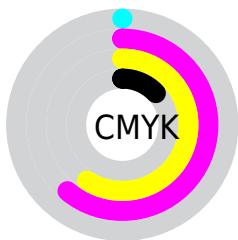
Blue (36%)



Red (87%)

Yellow (34%)

Blue (36%)

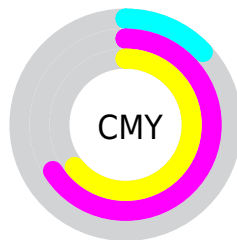


Cyan (0%)

Magenta (61%)

Yellow (59%)

Black (13%)



Cyan (13%)


Magenta (66%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3403, 22.9405, 12.4628 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 35.3403, 22.9405, 12.4628 by changing the saturation by 10% instead.


 35.3403, 22.9405,
12.4628


 35.3403, 22.9405,
12.4628


317.5496,
267.4192, 218.5311


 24.0929, 14.5496,
6.9333


 67.3432, 48.2956,
31.0122

 15.5276, 8.5039,
3.3426


 88.8293, 66.0286,
44.8691

 9.2792, 4.4190,
1.2721


 114.4591, 87.6444,
62.3390

 4.9823, 1.9106,
0.0388

 144.5978,
113.5274, 83.8403

 2.2715, 0.5547,
0.0000

179.6109,
144.0620, 109.7917

 0.7800, 0.0000,
0.0000

219.8636,

 0.0000, 0.0000,

179.6325, 140.6116

0.0000

265.7214,
220.6235, 176.7185

■ 35.3403, 22.9405,
12.4628

■ 35.3403, 22.9405,
12.4628

■ 33.0400, 19.6121,
7.7750

■ 38.4548, 27.4771,
18.7188

■ 31.4765, 17.3731,
4.5157

■ 42.4482, 33.3185,
26.6643

■ 30.5599, 16.0876,
2.5221

■ 47.3807, 40.5557,
36.4097

■ 30.1687, 15.5474,
1.6449

■ 53.3068, 49.2709,
48.0559

■ 60.2766, 59.5395,
61.6964

■ 68.3370, 71.4321,
77.4184

■ 77.5320, 85.0147,
95.3040

■ 83.9340, 94.2695,
108.3798

Harmonies

Analogous

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



36.9874, 22.9405, 28.0301



35.3403, 22.9405, 12.4628



29.8107, 22.9405, 5.4641

Triad

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



35.3403, 22.9405, 12.4628



12.9704, 22.9405, 9.5303



20.7953, 22.9405, 81.2315

Complementary

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



35.3403, 22.9405, 12.4628



42.4850, 59.2312, 74.8443

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.



15.3774, 22.9405, 68.1682



35.3403, 22.9405, 12.4628



11.4754, 22.9405, 22.1564

Square

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



35.3403, 22.9405, 12.4628



16.8273, 22.9405, 4.4662



12.2589, 22.9405, 43.9068



27.6769, 22.9405, 74.0628

Rectangle

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



35.3403, 22.9405, 12.4628



25.1605, 22.9405, 3.7727



12.2589, 22.9405, 43.9068



18.7606, 22.9405, 78.9313

Sweetspot

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



35.3409, 22.9418, 12.4632



75.7959, 71.6024, 71.3125



44.5963, 26.4082, 71.8537



15.6552, 14.4891, 14.1502



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.



35.3409, 22.9418, 12.4632



44.4159, 25.6756, 8.9578



42.2696, 37.1326, 13.7453



13.7275, 13.7086, 14.3353



17.9286, 9.2384, 1.0237



1.2500, 0.6433, 0.1094

Inverse Universe

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



35.3409, 22.9418, 12.4632



44.4159, 25.6756, 8.9578



29.7338, 32.6738, 73.8464



13.7275, 13.7086, 14.3353



17.9286, 9.2384, 1.0237



1.2500, 0.6433, 0.1094

Previews

White Background



This preview shows how the XYZ color 35.3403, 22.9405, 12.4628 looks on a white background.

Color Contrast Check

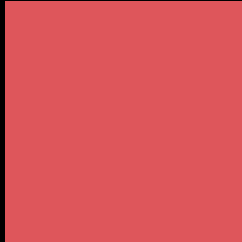
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3403, 22.9405, 12.4628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

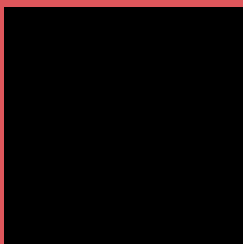
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3403, 22.9405, 12.4628

Background



This preview shows how black text looks on a background with the XYZ color 35.3403, 22.9405, 12.4628.



This preview shows how white text looks on a background with the XYZ color 35.3403, 22.9405,

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

35.3403, 22.9405, 12.4628

Protanopia

21.7680, 23.1392, 18.3579

Deuteranopia

23.3592, 22.9327, 11.5828



Tritanopia

35.3403, 22.9405, 12.4628

Trichromacy



Original Color

35.3403, 22.9405, 12.4628

Protanomaly

24.9916, 21.6960, 15.9672

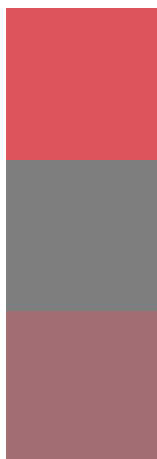
Deuteranomaly

26.6961, 22.0021, 11.8566

Tritanomaly

35.3403, 22.9405, 12.4628

Monochromacy



Original Color

35.3403, 22.9405, 12.4628

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.7317, 20.4846, 18.6227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3403, 22.9405, 12.4628 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, 86, 91)` looks like.

```
.text, #text, p{  
    color:rgb(222, 86, 91)  
}
```

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, 86, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 86, 91) }
```

Border

The CSS property to change the border of an element to XYZ 35.3403, 22.9405, 12.4628 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, 86, 91) }
```


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

```
.border{ border-color:rgb(222, 86, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 86, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 86, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 86, 91);  
box-shadow:4px 4px 4px 4px rgb(222, 86,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3403, 22.9405, 12.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 86, 91) }
```

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

```
.background{ background-color: rgb(222, 86,  
91) }
```

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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