

Converting Colors

XYZ(35.4081, 22.6445, 12.5549)

Have a look what the booklet for
XYZ(35.4081, 22.6445, 12.5549)
contains.

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Color

**XYZ(35.4564, 22.6472,
12.6278)**

Conversions

Conversions Part 1

Format	Color
Hex	DF535C
RGB	223, 83, 92
RGB Percent	87%, 33%, 36%
CMY	0.1255, 0.6745, 0.6392
CMYK	0.00, 0.63, 0.59, 0.13
HSL	356°, 69%, 60%
HSV	356°, 63%, 87%
XYZ	35.4564, 22.6472, 12.6278
YIQ	125.8860, 80.5510, 32.4790

Conversions

Conversions Part 2

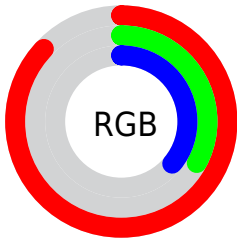
Format	Color
R_{YB}	223, 83, 92
Decimal	14635868
CIE _{Lab}	54.71, 55.16, 24.38
CIE _{LCh}	55, 60.307, 23.840
Yxy	22.6472, 0.5013, 0.3202
Android (android.graphics.Color)	4292825948 (0xFFDF535C)
YUV	125.8860, -16.7058, 85.1690
Hunter-Lab	47.5891, 49.7111, 17.5797

Details

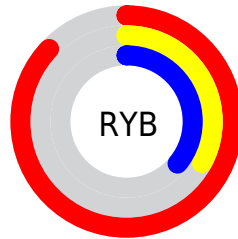
The XYZ color **35.4564, 22.6472, 12.6278** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **42.0941, 59.4698, 72.8836**, and the grayscale version is **19.8293, 20.8620, 22.7187**.

A 20% lighter version of the original color is **55.2110, 41.3900, 30.6703**, and **15.6436, 8.3790, 3.3776** is the 20% darker color. If you saturate the color by 10%, you get **33.2261, 19.4510, 7.9869**, and if you desaturate by 10%, it is **38.4875, 27.0433, 18.7753**.

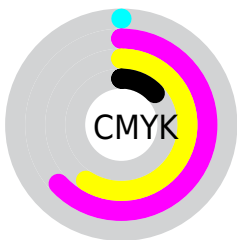
Distribution



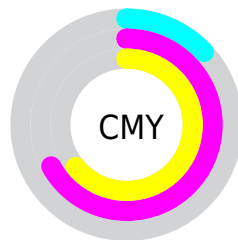
- Red (87%)
- Green (33%)
- Blue (36%)



- Red (87%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (63%)
- Yellow (59%)
- Black (13%)





- Cyan (13%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4564, 22.6472, 12.6278 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 35.4564, 22.6472, 12.6278 by changing the saturation by 10% instead.


 35.4564, 22.6472,
12.6278


 35.4564, 22.6472,
12.6278


318.0511,
265.9077, 219.6417


 24.1828, 14.3332,
7.0451


 67.5216, 47.8134,
31.3148

 15.5948, 8.3528,
3.4114


 89.0439, 65.4344,
45.2561


 9.3269, 4.3215,
1.3084


 114.7131, 86.9265,
62.8207

 5.0138, 1.8550,
0.0686

 144.8947,
112.6741, 84.4271

 2.2902, 0.5211,
0.0000

 179.9539,
143.0617, 110.4939

 0.7896, 0.0000,
0.0000

220.2562,

 0.0000, 0.0000,

178.4735, 141.4396

0.0000

266.1668,
219.2941, 177.6826

■ 35.4564, 22.6472,
12.6278

■ 35.4564, 22.6472,
12.6278

■ 33.2261, 19.4510,
7.9869

■ 38.4875, 27.0433,
18.7753

■ 31.7189, 17.3330,
4.7216

■ 42.3841, 32.7382,
26.5430

■ 30.8448, 16.1524,
2.6804

■ 47.2061, 39.8247,
36.0349

■ 30.5127, 15.7205,
1.8532

■ 53.0077, 48.3861,
47.3461

■ 59.8388, 58.4992,
60.5645

■ 67.7460, 70.2354,
75.7725

■ 76.7729, 83.6618,
93.0477

■ 84.2412, 94.4279,
108.3942

Harmonies

Analogous

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



36.8932, 22.6472, 28.7978



35.4564, 22.6472, 12.6278



29.9796, 22.6472, 5.3423

Triad

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



35.4564, 22.6472, 12.6278



12.7691, 22.6472, 8.7556



20.1833, 22.6472, 81.8723

Complementary

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



35.4564, 22.6472, 12.6278



42.0941, 59.4698, 72.8836

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.



14.8319, 22.6472, 67.5775



35.4564, 22.6472, 12.6278



11.1566, 22.6472, 20.9370

Square

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



35.4564, 22.6472, 12.6278



16.7628, 22.6472, 4.0473



11.8254, 22.6472, 42.6052



27.1144, 22.6472, 75.5626

Rectangle

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



35.4564, 22.6472, 12.6278



25.2813, 22.6472, 3.5653



11.8254, 22.6472, 42.6052



18.1614, 22.6472, 79.1552

Sweetspot

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



35.4569, 22.6485, 12.6282



75.0347, 70.3042, 70.3675



44.0475, 25.7616, 72.4625



15.5142, 14.2399, 14.0023



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.



35.4569, 22.6485, 12.6282



44.3650, 25.4209, 9.4121



41.9165, 36.1597, 12.9557



13.7428, 13.7147, 14.4156



17.9554, 9.2491, 1.1647



1.2573, 0.6462, 0.1478

Inverse Universe

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



35.4569, 22.6485, 12.6282



44.3650, 25.4209, 9.4121



29.8670, 33.1266, 74.6314



13.7428, 13.7147, 14.4156



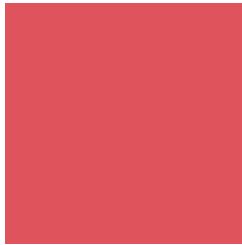
17.9554, 9.2491, 1.1647



1.2573, 0.6462, 0.1478

Previews

White Background



This preview shows how the XYZ color 35.4564, 22.6472, 12.6278 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 35.4564, 22.6472, 12.6278 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 35.4564, 22.6472, 12.6278

Background



This preview shows how black text looks on a background with the XYZ color 35.4564, 22.6472, 12.6278.



This preview shows how white text looks on a background with the XYZ color 35.4564, 22.6472,

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

35.4564, 22.6472, 12.6278

Protanopia

21.5782, 22.8281, 18.8918

Deuteranopia

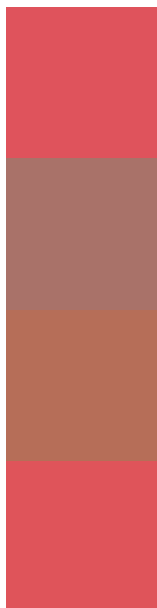
23.2011, 22.8467, 11.7814



Tritanopia

35.4049, 22.7499, 11.9763

Trichromacy



Original Color

35.4564, 22.6472, 12.6278

Protanomaly

24.9293, 21.4896, 16.1986

Deuteranomaly

26.6288, 21.8015, 12.0371

Tritanomaly

35.4472, 22.7668, 12.1990

Monochromacy



Original Color

35.4564, 22.6472, 12.6278

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

23.3111, 19.9438, 18.5405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4564, 22.6472, 12.6278 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(223, 83, 92)` looks like.

```
.text, #text, p{  
    color:rgb(223, 83, 92)  
}
```

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(223, 83, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 83, 92) }
```

Border

The CSS property to change the border of an element to XYZ 35.4564, 22.6472, 12.6278 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(223, 83, 92) }
```


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

```
.border{ border-color:rgb(223, 83, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 83, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 83, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 83, 92);  
box-shadow:4px 4px 4px 4px rgb(223, 83,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4564, 22.6472, 12.6278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 83, 92) }
```

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

```
.background{ background-color: rgb(223, 83,  
92) }
```

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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