

Converting Colors

XYZ(35.2028, 22.9789, 12.9359)

Have a look what the booklet for
XYZ(35.2028, 22.9789, 12.9359)
contains.

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Color

**XYZ(35.2028, 22.9789,
12.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	DD575D
RGB	221, 87, 93
RGB Percent	87%, 34%, 36%
CMY	0.1333, 0.6588, 0.6353
CMYK	0.00, 0.61, 0.58, 0.13
HSL	357°, 66%, 60%
HSV	357°, 61%, 87%
XYZ	35.2028, 22.9789, 12.9359
YIQ	127.7500, 77.9380, 30.2740

Conversions

Conversions Part 2

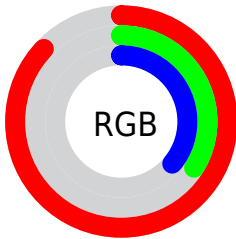
Format	Color
R_{YB}	221, 87, 93
Decimal	14505821
CIE Lab	55.05, 52.82, 24.18
CIE LCh	55, 58.092, 24.598
Yxy	22.9789, 0.4950, 0.3231
Android (android.graphics.Color)	4292695901 (0xFFDD575D)
YUV	127.7500, -17.1318, 81.7802
Hunter-Lab	47.9363, 47.1958, 17.5557

Details

The XYZ color **35.2028, 22.9789, 12.9359** 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 **42.0543, 58.6460, 73.3982**, and the grayscale version is **20.4707, 21.5368, 23.4536**.

A 20% lighter version of the original color is **55.8709, 42.5892, 31.2624**, and **15.4255, 8.5093, 3.5188** is the 20% darker color. If you saturate the color by 10%, you get **32.8698, 19.6086, 8.1643**, and if you desaturate by 10%, it is **38.3425, 27.5500, 19.2499**.

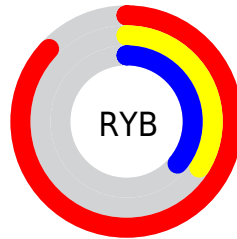
Distribution



Red (87%)

Green (34%)

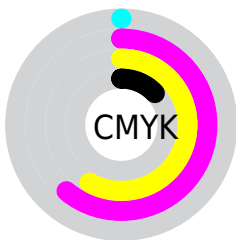
Blue (36%)



Red (87%)

Yellow (34%)

Blue (36%)

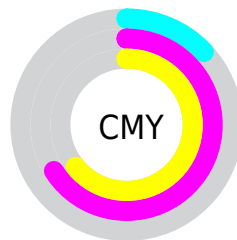


Cyan (0%)

Magenta (61%)

Yellow (58%)

Black (13%)



Cyan (13%)


Magenta (66%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2028, 22.9789, 12.9359 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 35.2028, 22.9789, 12.9359 by changing the saturation by 10% instead.


 35.2028, 22.9789,
12.9359

 35.2028, 22.9789,
12.9359


316.9549,
267.6166, 221.6998


 23.9864, 14.5779,
7.2542


 67.1318, 48.3587,
31.8781

 15.4482, 8.5237,
3.5407


 88.5750, 66.1063,
45.9756

 9.2229, 4.4318,
1.3769


 114.1580, 87.7382,
63.7156

 4.9451, 1.9179,
0.1236

 144.2459,
113.6389, 85.5164

 2.2495, 0.5591,
0.0000

179.2042,
144.1926, 111.7968

 0.7687, 0.0000,
0.0000

219.3983,

 0.0000, 0.0000,

179.7839, 142.9751

0.0000

265.1934,
220.7971, 179.4699

■ 35.2028, 22.9789,
12.9359

■ 35.2028, 22.9789,
12.9359

■ 32.8698, 19.6086,
8.1643

■ 38.3425, 27.5500,
19.2499

■ 31.2682, 17.3230,
4.8020

■ 42.3519, 33.4163,
27.2222

■ 30.3116, 15.9898,
2.6948

■ 47.2896, 40.6673,
36.9588

■ 29.8728, 15.3937,
1.6806

■ 53.2087, 49.3834,
48.5566

■ 60.1582, 59.6389,
62.1054

■ 68.1838, 71.5029,
77.6893

■ 77.3286, 85.0406,
95.3873

■ 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



36.6981, 22.9789, 28.5230



35.2028, 22.9789, 12.9359



29.8611, 22.9789, 5.7763

Triad

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



35.2028, 22.9789, 12.9359



13.1956, 22.9789, 9.5457



20.6914, 22.9789, 79.8203

Complementary

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



35.2028, 22.9789, 12.9359



42.0543, 58.6460, 73.3982

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.



15.4029, 22.9789, 66.6940



35.2028, 22.9789, 12.9359



11.6568, 22.9789, 21.8165

Square

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



35.2028, 22.9789, 12.9359



17.0650, 22.9789, 4.6047



12.3769, 22.9789, 42.9537



27.4335, 22.9789, 73.3460

Rectangle

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



35.2028, 22.9789, 12.9359



25.3108, 22.9789, 4.0016



12.3769, 22.9789, 42.9537



18.7033, 22.9789, 77.4171

Sweetspot

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



35.2034, 22.9802, 12.9363



75.8420, 71.6208, 71.5553



44.2792, 26.3795, 71.1643



15.6662, 14.4935, 14.2080



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.



35.2034, 22.9802, 12.9363



44.7046, 26.0361, 9.7229



42.0204, 37.0226, 13.9500



13.0795, 13.0609, 13.6800



17.3647, 8.9469, 1.0344



1.1335, 0.5830, 0.1117

Inverse Universe

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



35.2034, 22.9802, 12.9363



44.7046, 26.0361, 9.7229



29.6755, 32.6333, 73.1411



13.0795, 13.0609, 13.6800



17.3647, 8.9469, 1.0344



1.1335, 0.5830, 0.1117

Previews

White Background



This preview shows how the XYZ color 35.2028, 22.9789, 12.9359 looks on a white background.

Color Contrast Check

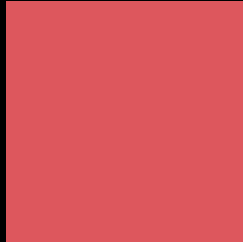
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2028, 22.9789, 12.9359 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 35.2028, 22.9789, 12.9359

Background



This preview shows how black text looks on a background with the XYZ color 35.2028, 22.9789, 12.9359.



This preview shows how white text looks on a background with the XYZ color 35.2028, 22.9789,

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

35.2028, 22.9789, 12.9359

Protanopia

21.8794, 23.1838, 18.9445

Deuteranopia

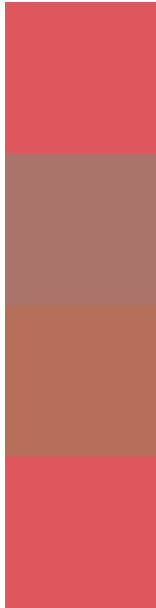
23.4792, 22.9808, 12.2151



Tritanopia

35.2028, 22.9789, 12.9359

Trichromacy



Original Color

35.2028, 22.9789, 12.9359

Protanomaly

25.2091, 21.9664, 16.5469

Deuteranomaly

26.8887, 22.2547, 12.3296

Tritanomaly

35.2028, 22.9789, 12.9359

Monochromacy



Original Color

35.2028, 22.9789, 12.9359

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.8999, 20.7294, 18.9612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2028, 22.9789, 12.9359 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(221, 87, 93)` looks like.

```
.text, #text, p{  
    color:rgb(221, 87, 93)  
}
```

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(221, 87, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 87, 93) }
```

Border

The CSS property to change the border of an element to XYZ 35.2028, 22.9789, 12.9359 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(221, 87, 93) }
```


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

```
.border{ border-color:rgb(221, 87, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 87, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 87, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 87, 93);  
box-shadow:4px 4px 4px 4px rgb(221, 87,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2028, 22.9789, 12.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 87, 93) }
```

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

```
.background{ background-color: rgb(221, 87,  
93) }
```

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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