

Converting Colors

XYZ(34.3353, 20.8138, 10.3513)

Have a look what the booklet for
XYZ(34.3353, 20.8138, 10.3513)
contains.

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Color

**XYZ(34.1829, 20.6928,
10.3761)**

Conversions

Conversions Part 1

Format	Color
Hex	DF4653
RGB	223, 70, 83
RGB Percent	87%, 27%, 33%
CMY	0.1255, 0.7255, 0.6745
CMYK	0.00, 0.69, 0.63, 0.13
HSL	355°, 71%, 57%
HSV	355°, 69%, 87%
XYZ	34.1829, 20.6928, 10.3761
YIQ	117.2290, 87.0150, 36.4790

Conversions

Conversions Part 2

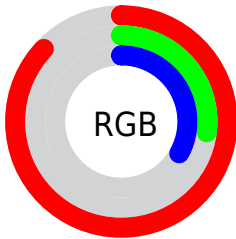
Format	Color
RYB	223, 70, 83
Decimal	14632531
CIELab	52.61, 59.83, 26.94
CIElCh	53, 65.618, 24.243
Yxy	20.6928, 0.5239, 0.3171
Android (android.graphics.Color)	4292822611 (0xFFDF4653)
YUV	117.2290, -16.8749, 92.7612
Hunter-Lab	45.4893, 54.5272, 18.3185

Details

The XYZ color **34.1829, 20.6928, 10.3761** 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 **40.5480, 58.7311, 70.1776**, and the grayscale version is **17.0125, 17.8985, 19.4914**.

A 20% lighter version of the original color is **52.9942, 38.1047, 26.3916**, and **15.0478, 7.7170, 2.5301** is the 20% darker color. If you saturate the color by 10%, you get **32.3623, 18.1325, 6.4376**, and if you desaturate by 10%, it is **36.7540, 24.3835, 15.7087**.

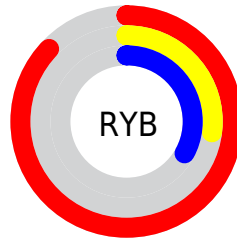
Distribution



Red (87%)

Green (27%)

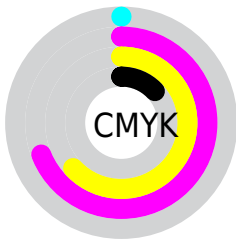
Blue (33%)



Red (87%)

Yellow (27%)

Blue (33%)

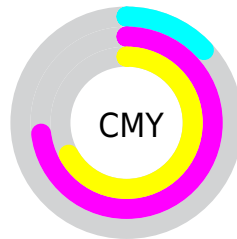


Cyan (0%)

Magenta (69%)

Yellow (63%)

Black (13%)



Cyan (13%)


Magenta (73%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1829, 20.6928, 10.3761 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 34.1829, 20.6928, 10.3761 by changing the saturation by 10% instead.


 34.1829, 20.6928,
10.3761


 34.1829, 20.6928,
10.3761


312.5184,
255.6414, 203.9171


 23.1977, 12.8996,
5.5402


 65.5604, 44.5757,
27.1193


 14.8611, 7.3595,
2.5033


 86.6834, 61.4342,
39.8637


 8.8076, 3.6879,
0.8419


 111.9164, 82.0833,
56.0814

 4.6720, 1.5006,
0.0000

 141.6247,
106.9074, 76.1908

 2.0889, 0.2891,
0.0000

 176.1737,
136.2909, 100.6105

 0.6832, 0.0000,
0.0000

215.9288,

 0.0000, 0.0000,

170.6181, 129.7591

0.0000

261.2552,
210.2734, 164.0551

■ 34.1829, 20.6928,
10.3761

■ 34.1829, 20.6928,
10.3761

■ 32.3623, 18.1325,
6.4376

■ 36.7540, 24.3835,
15.7087

■ 31.2090, 16.5693,
3.7615

■ 40.1439, 29.3111,
22.5488


■ 30.6077, 15.8125,
2.1870


■ 44.4150, 35.5739,
30.9993

■ 30.5482, 15.7347,
2.0402


■ 49.6230, 43.2594,
41.1537

■ 55.8194, 52.4475,
53.0984

 63.0514, 63.2122,
66.9139

 71.3637, 75.6227,
82.6758

 80.7979, 89.7441,
100.4554

 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.



35.7806, 20.6928, 26.5051



34.1829, 20.6928, 10.3761



28.3527, 20.6928, 3.7458

Triad

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



34.1829, 20.6928, 10.3761



10.8421, 20.6928, 6.9559



18.3837, 20.6928, 84.2111

Complementary

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



34.1829, 20.6928, 10.3761



40.5480, 58.7311, 70.1776

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.



12.9668, 20.6928, 68.7078



34.1829, 20.6928, 10.3761



9.3062, 20.6928, 18.9753

Square

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



34.1829, 20.6928, 10.3761



14.7672, 20.6928, 2.7198



9.9829, 20.6928, 41.6986



25.5480, 20.6928, 76.9243

Rectangle

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



34.1829, 20.6928, 10.3761



23.4416, 20.6928, 2.2822



9.9829, 20.6928, 41.6986



16.3226, 20.6928, 81.3073

Sweetspot

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



34.1834, 20.6940, 10.3764



73.3719, 67.6995, 67.5908



41.4383, 23.0758, 72.0817



15.1961, 13.7361, 13.4879



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.



34.1834, 20.6940, 10.3764



43.1287, 23.5724, 7.0760



39.6810, 32.4181, 9.9619



13.7542, 13.7193, 14.4761



17.9790, 9.2586, 1.2892



1.2628, 0.6484, 0.1767

Inverse Universe

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



34.1834, 20.6940, 10.3764



43.1287, 23.5724, 7.0760



28.7315, 32.4017, 74.5515



13.7542, 13.7193, 14.4761



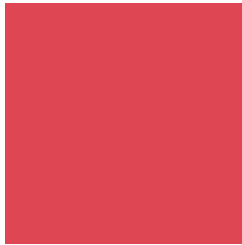
17.9790, 9.2586, 1.2892



1.2628, 0.6484, 0.1767

Previews

White Background



This preview shows how the XYZ color 34.1829, 20.6928, 10.3761 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 34.1829, 20.6928, 10.3761 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 34.1829, 20.6928, 10.3761

Background



This preview shows how black text looks on a background with the XYZ color 34.1829, 20.6928, 10.3761.



This preview shows how white text looks on a background with the XYZ color 34.1829, 20.6928,

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

34.1829, 20.6928, 10.3761

Protanopia

19.7352, 20.9489, 16.6390

Deuteranopia

21.1233, 20.7132, 9.5413



Tritanopia

33.9547, 20.7025, 8.8630

Trichromacy



Original Color

34.1829, 20.6928, 10.3761

Protanomaly

23.0845, 19.2969, 14.0633

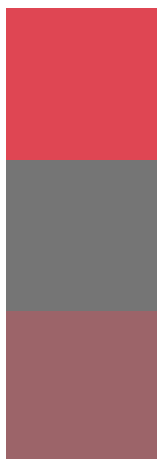
Deuteranomaly

24.4866, 19.5178, 9.6844

Tritanomaly

34.0598, 20.7445, 9.4167

Monochromacy



Original Color

34.1829, 20.6928, 10.3761

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

20.8173, 17.2022, 15.5878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1829, 20.6928, 10.3761 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, 70, 83)` looks like.

```
.text, #text, p{  
    color:rgb(223, 70, 83)  
}
```

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, 70, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 70, 83) }
```

Border

The CSS property to change the border of an element to XYZ 34.1829, 20.6928, 10.3761 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, 70, 83) }
```


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

```
.border{ border-color:rgb(223, 70, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 70, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 70, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 70, 83);  
box-shadow:4px 4px 4px 4px rgb(223, 70,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1829, 20.6928, 10.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 70, 83) }
```

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

```
.background{ background-color: rgb(223, 70,  
83) }
```

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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