

Converting Colors

XYZ(35.2685, 20.4548, 5.8963)

Have a look what the booklet for
XYZ(35.2685, 20.4548, 5.8963)
contains.

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Color

**XYZ(35.2575, 20.4123,
5.9526)**

Conversions

Conversions Part 1

Format	Color
Hex	E73B39
RGB	231, 59, 57
RGB Percent	91%, 23%, 22%
CMY	0.0941, 0.7686, 0.7765
CMYK	0.00, 0.74, 0.75, 0.09
HSL	1°, 78%, 56%
HSV	1°, 75%, 91%
XYZ	35.2575, 20.4123, 5.9526
YIQ	110.2000, 103.1540, 35.8420

Conversions

Conversions Part 2

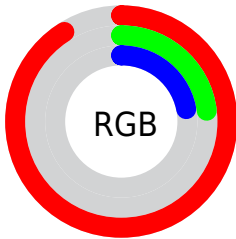
Format	Color
R_{YB}	231, 59, 57
Decimal	15153977
CIE _{Lab}	52.30, 64.86, 41.85
CIE _{LCh}	52, 77.192, 32.832
Yxy	20.4123, 0.5722, 0.3312
Android (android.graphics.Color)	4293344057 (0xFFE73B39)
YUV	110.2000, -26.2276, 105.9416
Hunter-Lab	45.1800, 60.2327, 23.8143

Details

The XYZ color **35.2575, 20.4123, 5.9526** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **44.1267, 62.6706, 85.3717**, and the grayscale version is **14.9323, 15.7099, 17.1081**.

A 20% lighter version of the original color is **50.3866, 35.4736, 17.5560**, and **16.0090, 8.2445, 1.1284** is the 20% darker color. If you saturate the color by 10%, you get **33.8784, 18.3764, 3.2673**, and if you desaturate by 10%, it is **37.4122, 23.5809, 10.1887**.

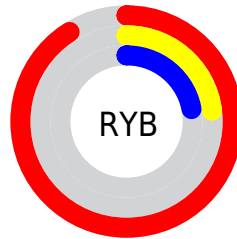
Distribution



Red (91%)

Green (23%)

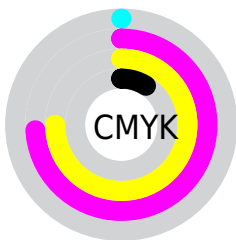
Blue (22%)



Red (91%)

Yellow (23%)

Blue (22%)

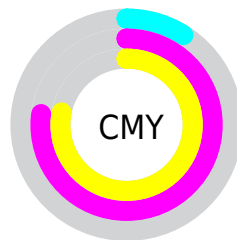


Cyan (0%)

Magenta (74%)

Yellow (75%)

Black (9%)



Cyan (9%)


Magenta (77%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2575, 20.4123, 5.9526 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 35.2575, 20.4123, 5.9526 by changing the saturation by 10% instead.


 35.2575, 20.4123,
5.9526


 35.2575, 20.4123,
5.9526


317.1916,
254.1385, 167.9388


 24.0287, 12.6951,
2.7480


 67.2159, 44.1074,
18.3084

 15.4798, 7.2189,
0.9674


 88.6762, 60.8540,
28.2966

 9.2453, 3.5994,
0.0000


 114.2778, 81.3793,
41.3831

 4.9599, 1.4521,
0.0000

 144.3859,
106.0675, 57.9865

 2.2583, 0.2546,
0.0000

 179.3660,
135.3032, 78.5252

 0.7732, 0.0000,
0.0000

 219.5835,

 0.0000, 0.0000,

169.4706, 103.4177

0.0000

265.4035,
208.9543, 133.0828

■ 35.2575, 20.4123,
5.9526

■ 35.2575, 20.4123,
5.9526

■ 33.8784, 18.3764,
3.2673

■ 37.4122, 23.5809,
10.1887

■ 33.1624, 17.3093,
1.9038


■ 40.4320, 28.0100,
16.1603


■ 32.9838, 17.0468,
1.5519


■ 44.3957, 33.8142,
24.0274


■ 49.3730, 41.0943,
33.9315

■ 55.4269, 49.9417,
46.0006

 62.6153, 60.4404,
60.3524

 70.9920, 72.6684,
77.0959

 80.6073, 86.6987,
96.3332

 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



38.9842, 20.4123, 20.1349



35.2575, 20.4123, 5.9526



27.2370, 20.4123, 1.6094

Triad

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



35.2575, 20.4123, 5.9526



8.7447, 20.4123, 7.6462



20.1652, 20.4123, 100.6974

Complementary

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



35.2575, 20.4123, 5.9526



44.1267, 62.6706, 85.3717

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.



13.2340, 20.4123, 88.1968



35.2575, 20.4123, 5.9526



7.8020, 20.4123, 24.4561

Square

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



35.2575, 20.4123, 5.9526



12.2474, 20.4123, 2.0145



9.1956, 20.4123, 55.3429



28.9078, 20.4123, 82.8933

Rectangle

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



35.2575, 20.4123, 5.9526



21.3684, 20.4123, 0.9497



9.1956, 20.4123, 55.3429



17.5587, 20.4123, 99.9105

Sweetspot

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



35.2580, 20.4135, 5.9529



71.2164, 65.2069, 61.2663



48.8416, 25.6846, 77.9842



14.5957, 13.0110, 11.8215



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.



35.2580, 20.4135, 5.9529



41.8398, 22.1702, 3.0223



43.6666, 37.2307, 8.7558



14.3903, 14.3945, 14.9244



18.4975, 9.5691, 0.8721



1.3716, 0.7166, 0.0660

Inverse Universe

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



44.1267, 62.6706, 85.3717



53.3823, 77.2710, 106.7090



26.0844, 26.5859, 79.3576



14.7924, 16.3063, 18.5121



23.6970, 34.4561, 47.7849



1.7558, 2.5554, 3.5327

Previews

White Background



This preview shows how the XYZ color 35.2575, 20.4123, 5.9526 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 35.2575, 20.4123, 5.9526 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 35.2575, 20.4123, 5.9526

Background



This preview shows how black text looks on a background with the XYZ color 35.2575, 20.4123, 5.9526.



This preview shows how white text looks on a background with the XYZ color 35.2575, 20.4123,

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

35.2575, 20.4123, 5.9526

Protanopia

19.0253, 20.5357, 10.1688

Deuteranopia

20.7808, 20.4510, 5.3348



Tritanopia

35.3346, 20.4431, 6.3585

Trichromacy



Original Color

35.2575, 20.4123, 5.9526

Protanomaly

22.5538, 18.4075, 8.1586

Deuteranomaly

24.3575, 18.8384, 5.2581

Tritanomaly

35.3084, 20.4326, 6.2206

Monochromacy



Original Color

35.2575, 20.4123, 5.9526

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

18.9558, 15.1075, 11.8145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2575, 20.4123, 5.9526 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(231, 59, 57)` looks like.

```
.text, #text, p{  
    color:rgb(231, 59, 57)  
}
```

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(231, 59, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 59, 57) }
```

Border

The CSS property to change the border of an element to XYZ 35.2575, 20.4123, 5.9526 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(231, 59, 57) }
```


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

```
.border{ border-color:rgb(231, 59, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 59, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 59, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 59, 57);  
box-shadow:4px 4px 4px 4px rgb(231, 59,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2575, 20.4123, 5.9526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 59, 57) }
```

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

```
.background{ background-color: rgb(231, 59,  
57) }
```

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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