

Converting Colors

XYZ(32.6879, 18.8532, 6.3311)

Have a look what the booklet for
XYZ(32.6879, 18.8532, 6.3311)
contains.

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Color

**XYZ(32.6879, 18.8532,
6.3311)**

Conversions

Conversions Part 1

Format	Color
Hex	DF383D
RGB	223, 56, 61
RGB Percent	87%, 22%, 24%
CMY	0.1255, 0.7803, 0.7608
CMYK	0.00, 0.75, 0.73, 0.13
HSL	358°, 72%, 55%
HSV	358°, 75%, 87%
XYZ	32.6879, 18.8532, 6.3311
YIQ	106.5030, 97.9270, 36.9590

Conversions

Conversions Part 2

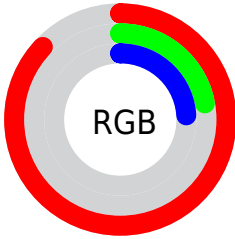
Format	Color
RYB	223, 56, 61
Decimal	14628925
CIELab	50.52, 63.61, 37.20
CIElCh	51, 73.686, 30.320
Yxy	18.8532, 0.5648, 0.3258
Android (android.graphics.Color)	4292819005 (0xFFDF383D)
YUV	106.5030, -22.4330, 102.1679
Hunter-Lab	43.4203, 58.3939, 21.7491

Details

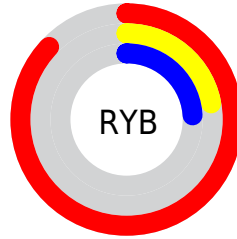
The XYZ color **32.6879, 18.8532, 6.3311** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **40.6754, 58.6786, 75.5193**, and the grayscale version is **13.8801, 14.6029, 15.9026**.

A 20% lighter version of the original color is **50.2457, 34.8549, 18.5474**, and **14.6064, 7.5173, 1.2534** is the 20% darker color. If you saturate the color by 10%, you get **31.3674, 16.9645, 3.5727**, and if you desaturate by 10%, it is **34.7251, 21.8000, 10.4874**.

Distribution



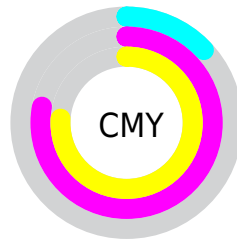
- Red (87%)
- Green (22%)
- Blue (24%)



- Red (87%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (73%)
- Black (13%)





- Cyan (13%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6879, 18.8532, 6.3311 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 32.6879, 18.8532, 6.3311 by changing the saturation by 10% instead.

 32.6879, 18.8532,
6.3311

 32.6879, 18.8532,
6.3311


305.9310,
245.6371, 171.3982


 22.0456, 11.5643,
2.9754


 63.2459, 41.4859,
19.1038

 14.0072, 6.4477,
1.0821


 83.8923, 57.5984,
29.3578


 8.2074, 3.1192,
0.0000

 108.6040, 77.4210,
42.7484

 4.2809, 1.1943,
0.0000

 137.7465,
101.3379, 59.6940

 1.8622, 0.0570,
0.0000

 171.6851,
129.7335, 80.6133

 0.5547, 0.0000,
0.0000

 210.7851,

 0.0000, 0.0000,

162.9924, 105.9247

0.0000

255.4120,
201.4988, 136.0468

■ 32.6879, 18.8532,
6.3311

■ 32.6879, 18.8532,
6.3311

■ 31.3674, 16.9645,
3.5727

■ 34.7251, 21.8000,
10.4874

■ 30.6627, 15.9796,
2.0292


■ 37.5597, 25.9250,
16.1927

■ 30.4677, 15.7025,
1.6164


■ 41.2629, 31.3358,
23.5792


■ 45.8977, 38.1269,
32.7649

■ 51.5213, 46.3842,
43.8572

 58.1863, 56.1862,
56.9550

 65.9415, 67.6063,
72.1506

 74.8328, 80.7128,
89.5302

 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.



35.5909, 18.8532, 20.3079



32.6879, 18.8532, 6.3311



25.6684, 18.8532, 1.7698

Triad

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



32.6879, 18.8532, 6.3311



8.3964, 18.8532, 6.5073



17.9966, 18.8532, 90.9660

Complementary

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



32.6879, 18.8532, 6.3311



40.6754, 58.6786, 75.5193

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.



11.9117, 18.8532, 77.6681



32.6879, 18.8532, 6.3311



7.3498, 18.8532, 20.7495

Square

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



32.6879, 18.8532, 6.3311



11.8103, 18.8532, 1.8132



8.4430, 18.8532, 47.6836



25.8385, 18.8532, 77.1332

Rectangle

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



32.6879, 18.8532, 6.3311



20.3445, 18.8532, 1.0115



8.4430, 18.8532, 47.6836



15.6951, 18.8532, 89.4561

Sweetspot

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



32.6883, 18.8543, 6.3314



72.1332, 66.2580, 63.9844



43.4782, 22.9754, 71.9547



14.9420, 13.4507, 12.7165



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.



32.6883, 18.8543, 6.3314



41.8640, 22.0831, 3.4480



39.6621, 33.0070, 8.0235



13.7238, 13.7071, 14.3155



17.9220, 9.2358, 0.9890



1.2482, 0.6425, 0.0998

Inverse Universe

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



32.6883, 18.8543, 6.3314



41.8640, 22.0831, 3.4480



25.0872, 26.4416, 73.5931



13.7238, 13.7071, 14.3155



17.9220, 9.2358, 0.9890



1.2482, 0.6425, 0.0998

Previews

White Background



This preview shows how the XYZ color 32.6879, 18.8532, 6.3311 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 32.6879,
18.8532, 6.3311 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 32.6879, 18.8532, 6.3311

Background



This preview shows how black text looks on a background with the XYZ color 32.6879, 18.8532, 6.3311.



This preview shows how white text looks on a background with the XYZ color 32.6879, 18.8532,

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

32.6879, 18.8532, 6.3311

Protanopia

17.7588, 19.1246, 10.9390

Deuteranopia

19.3060, 18.9845, 5.7788



Tritanopia

32.6093, 18.8218, 5.9173

Trichromacy



Original Color

32.6879, 18.8532, 6.3311

Protanomaly

20.8545, 16.9499, 8.8291

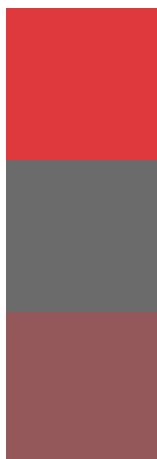
Deuteranomaly

22.8238, 17.6284, 5.8141

Tritanomaly

32.6350, 18.8321, 6.0526

Monochromacy



Original Color

32.6879, 18.8532, 6.3311

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

17.7296, 14.1072, 11.4614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6879, 18.8532, 6.3311 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, 56, 61)` looks like.

```
.text, #text, p{  
    color:rgb(223, 56, 61)  
}
```

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, 56, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 56, 61) }
```

Border

The CSS property to change the border of an element to XYZ 32.6879, 18.8532, 6.3311 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, 56, 61) }
```


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

```
.border{ border-color:rgb(223, 56, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 56, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 56, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 56, 61);  
box-shadow:4px 4px 4px 4px rgb(223, 56,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6879, 18.8532, 6.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 56, 61) }
```

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

```
.background{ background-color: rgb(223, 56,  
61) }
```

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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