

Converting Colors

XYZ(34.3665, 18.6583, 3.5373)

Have a look what the booklet for
XYZ(34.3665, 18.6583, 3.5373)
contains.

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Color

**XYZ(34.2742, 18.6125,
3.5364)**

Conversions

Conversions Part 1

Format	Color
Hex	E82525
RGB	232, 37, 37
RGB Percent	91%, 15%, 15%
CMY	0.0902, 0.8548, 0.8549
CMYK	0.00, 0.84, 0.84, 0.09
HSL	0°, 81%, 53%
HSV	0°, 84%, 91%
XYZ	34.2742, 18.6125, 3.5364
YIQ	95.3050, 116.2200, 41.3400

Conversions

Conversions Part 2

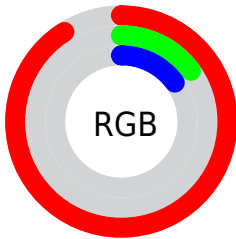
Format	Color
RYB	232, 37, 37
Decimal	15213861
CIELab	50.23, 70.41, 50.38
CIELCh	50, 86.578, 35.584
Yxy	18.6125, 0.6074, 0.3299
Android (android.graphics.Color)	4293403941 (0xFFE82525)
YUV	95.3050, -28.7444, 119.8815
Hunter-Lab	43.1422, 66.3099, 25.3395

Details

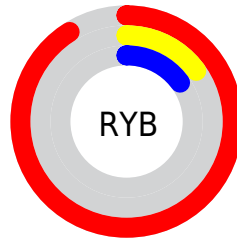
The XYZ color **34.2742, 18.6125, 3.5364** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **44.1792, 63.9211, 86.3529**, and the grayscale version is **11.0001, 11.5729, 12.6029**.

A 20% lighter version of the original color is **47.7905, 31.8007, 12.0068**, and **15.9363, 8.2155, 0.7458** is the 20% darker color. If you saturate the color by 10%, you get **33.5110, 17.4962, 2.0193**, and if you desaturate by 10%, it is **35.7267, 20.7387, 6.4228**.

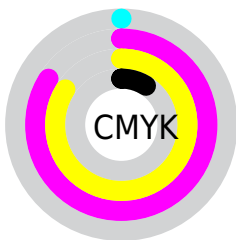
Distribution



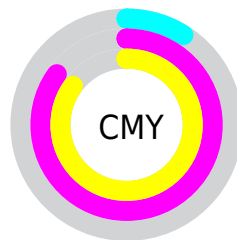
- Red (91%)
- Green (15%)
- Blue (15%)



- Red (91%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (84%)
- Yellow (84%)
- Black (9%)





- Cyan (9%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2742, 18.6125, 3.5364 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 34.2742, 18.6125, 3.5364 by changing the saturation by 10% instead.


 34.2742, 18.6125,
3.5364


 34.2742, 18.6125,
3.5364


312.9174,
244.3011, 142.9240


 23.2682, 11.3906,
1.3746


 65.7013, 41.0783,
12.9256

 14.9135, 6.3302,
0.1218


 86.8531, 57.0910,
20.9901


 8.8446, 3.0469,
0.0000


 112.1176, 76.8027,
31.8593

 4.6963, 1.1563,
0.0000

 141.8601,
100.5979, 45.9517

 2.1031, 0.0255,
0.0000

 176.4460,
128.8610, 63.6858


 0.6909, 0.0000,
0.0000


 216.2406,


 0.0000, 0.0000,


161.9762, 85.4802


0.0000


 261.6093,
200.3282, 111.7534


 34.2742, 18.6125,
3.5364


 34.2742, 18.6125,
3.5364


 33.5110, 17.4962,
2.0193


 35.7267, 20.7387,
6.4228


 33.2787, 17.1562,
1.5575


 37.9805, 24.0367,
10.9027

 41.1288, 28.6438,
17.1611


 45.2518, 34.6770,
25.3573

 50.4209, 42.2408,
35.6330

 56.7005, 51.4297,
48.1168

 64.1502, 62.3306,
62.9268

 72.8251, 75.0243,
80.1726

 82.7769, 89.5864,
99.9571

Harmonies

Analogous

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



39.0311, 18.6125, 16.1031



34.2742, 18.6125, 3.5364



25.2126, 18.6125, 0.5432

Triad

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



34.2742, 18.6125, 3.5364



6.7094, 18.6125, 6.5596



19.3035, 18.6125, 109.4687

Complementary

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



34.2742, 18.6125, 3.5364



44.1792, 63.9211, 86.3529

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.



11.8367, 18.6125, 97.8856



34.2742, 18.6125, 3.5364



6.0203, 18.6125, 25.0905

Square

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



34.2742, 18.6125, 3.5364



9.8804, 18.6125, 1.1421



7.5640, 18.6125, 60.6634



28.8066, 18.6125, 85.6199

Rectangle

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



34.2742, 18.6125, 3.5364



18.9590, 18.6125, 0.0198



7.5640, 18.6125, 60.6634



16.4801, 18.6125, 109.7211

Sweetspot

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



34.2746, 18.6137, 3.5367



69.3583, 62.4062, 57.8246



48.5054, 24.3050, 78.4781



14.2343, 12.4631, 11.1617



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.



34.2746, 18.6137, 3.5367



41.2403, 21.2606, 1.9301



42.2068, 34.4780, 6.1807



14.3772, 14.3682, 14.9200



18.4752, 9.5246, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



44.1792, 63.9211, 86.3529



53.8018, 78.7235, 106.9673



23.9227, 23.4082, 79.6007



14.8074, 16.3362, 18.5171



24.1026, 35.2674, 47.9201



1.7811, 2.6062, 3.5411

Previews

White Background



This preview shows how the XYZ color 34.2742, 18.6125, 3.5364 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 34.2742, 18.6125, 3.5364 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 34.2742, 18.6125, 3.5364

Background



This preview shows how black text looks on a background with the XYZ color 34.2742, 18.6125, 3.5364.



This preview shows how white text looks on a background with the XYZ color 34.2742, 18.6125,

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

34.2742, 18.6125, 3.5364

Protanopia

17.1279, 18.7149, 6.5805

Deuteranopia

19.0100, 18.7276, 2.8426



Tritanopia

34.2437, 18.6003, 3.3755

Trichromacy



Original Color

34.2742, 18.6125, 3.5364

Protanomaly

20.5941, 15.9776, 5.0162

Deuteranomaly

22.5014, 16.5264, 2.6200

Tritanomaly

34.2587, 18.6063, 3.4548

Monochromacy



Original Color

34.2742, 18.6125, 3.5364

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

15.3619, 11.4117, 7.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2742, 18.6125, 3.5364 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(232, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(232, 37, 37)  
}
```

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(232, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 37, 37) }
```

Border

The CSS property to change the border of an element to XYZ 34.2742, 18.6125, 3.5364 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(232, 37, 37) }
```


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

```
.border{ border-color:rgb(232, 37, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(232, 37,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2742, 18.6125, 3.5364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 37, 37) }
```

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

```
.background{ background-color: rgb(232, 37,  
37) }
```

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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