

Converting Colors

XYZ(38.9563, 21.0315, 3.5196)

Have a look what the booklet for
XYZ(38.9563, 21.0315, 3.5196)
contains.

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Color

**XYZ(38.9563, 21.0315,
3.5196)**

Conversions

Conversions Part 1

Format	Color
Hex	F62522
RGB	246, 37, 34
RGB Percent	96%, 15%, 13%
CMY	0.0353, 0.8548, 0.8667
CMYK	0.00, 0.85, 0.86, 0.04
HSL	1°, 92%, 55%
HSV	1°, 86%, 96%
XYZ	38.9563, 21.0315, 3.5196
YIQ	99.1490, 125.5270, 43.3750

Conversions

Conversions Part 2

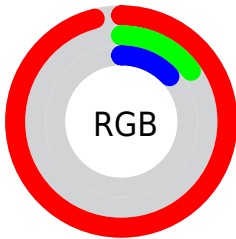
Format	Color
R_{YB}	246, 37, 34
Decimal	16131362
CIE Lab	52.98, 74.06, 55.23
CIE LCh	53, 92.387, 36.712
Yxy	21.0315, 0.6134, 0.3312
Android (android.graphics.Color)	4294321442 (0xFFFF62522)
YUV	99.1490, -32.1185, 128.7883
Hunter-Lab	45.8601, 71.3733, 27.5518

Details

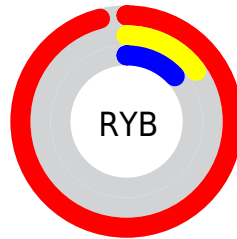
The XYZ color **38.9563, 21.0315, 3.5196** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **49.3370, 71.0797, 98.3074**, and the grayscale version is **11.9566, 12.5793, 13.6988**.

A 20% lighter version of the original color is **48.0207, 32.3846, 11.7025**, and **18.8224, 9.7033, 0.8809** is the 20% darker color. If you saturate the color by 10%, you get **38.1982, 19.8954, 2.0969**, and if you desaturate by 10%, it is **40.4682, 23.2711, 6.4424**.

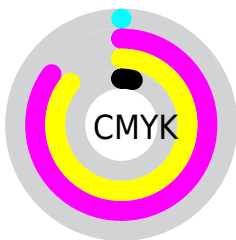
Distribution



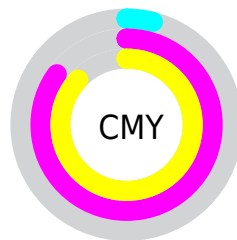
- Red (96%)
- Green (15%)
- Blue (13%)



- Red (96%)
- Yellow (15%)
- Blue (13%)



- Cyan (0%)
- Magenta (85%)
- Yellow (86%)
- Black (4%)





- Cyan (4%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9563, 21.0315, 3.5196 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 38.9563, 21.0315, 3.5196 by changing the saturation by 10% instead.


 38.9563, 21.0315,
3.5196

 38.9563, 21.0315,
3.5196


332.9150,
257.4459, 142.7259


 26.9063, 13.1470,
1.3657


 72.8661, 45.1400,
12.8857


 17.6391, 7.5299,
0.1147


 95.4565, 62.1327,
20.9350


 10.7893, 3.7956,
0.0000


 122.2912, 82.9304,
31.7865

 5.9916, 1.5599,
0.0000

 153.7354,
107.9173, 45.8587

 2.8806, 0.3303,
0.0000

 190.1546,
137.4780, 63.5702


 1.0909, 0.0000,
0.0000

 231.9140,


 0.0175, 0.0000,


171.9967, 85.3396


0.0000


 279.3790,
211.8578, 111.5853


 0.0000, 0.0000,
0.0000


 38.9563, 21.0315,
3.5196


 38.9563, 21.0315,
3.5196


 38.1982, 19.8954,
2.0969


 40.4682, 23.2711,
6.4424


 38.0438, 19.6688,
1.7913


 42.8646, 26.7999,
11.1379


 46.2531, 31.7738,
17.8268


 50.7259, 38.3255,
26.6976

 56.3643, 46.5727,
37.9169

 63.2422, 56.6222,
51.6353

 71.4270, 68.5716,
67.9908

 80.9817, 82.5118,
87.1111

 91.8157, 98.3326,
108.7486

Harmonies

Analogous

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



44.7926, 21.0315, 17.2120



38.9563, 21.0315, 3.5196



28.2984, 21.0315, 0.4539

Triad

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



38.9563, 21.0315, 3.5196



7.2948, 21.0315, 7.6180



22.2476, 21.0315, 127.2948

Complementary

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



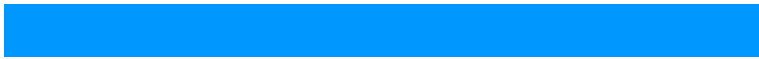
38.9563, 21.0315, 3.5196



49.3370, 71.0797, 98.3074

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.



13.4910, 21.0315, 115.2039



38.9563, 21.0315, 3.5196



6.6076, 21.0315, 29.7198

Square

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



38.9563, 21.0315, 3.5196



10.7920, 21.0315, 1.2300



8.4643, 21.0315, 71.9048



33.3253, 21.0315, 97.8457

Rectangle

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



38.9563, 21.0315, 3.5196



21.0777, 21.0315, 0.0000



8.4643, 21.0315, 71.9048



18.9400, 21.0315, 128.1687

Sweetspot

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



38.9567, 21.0328, 3.5199



68.7296, 61.5948, 56.2401



55.2121, 27.3905, 89.5648



14.1216, 12.3229, 10.8614



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.



38.9567, 21.0328, 3.5199



41.2795, 21.3390, 1.9432



47.6724, 38.4642, 6.4251



16.5181, 16.5203, 17.1157



20.3150, 10.5156, 0.9590



1.7920, 0.9373, 0.0865

Inverse Universe

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



49.3370, 71.0797, 98.3074



52.6604, 76.4407, 106.5868



26.6721, 25.7499, 90.7524



16.9753, 18.7148, 21.2602



25.9145, 37.6228, 52.4341



2.2840, 3.3195, 4.6106

Previews

White Background



This preview shows how the XYZ color 38.9563, 21.0315, 3.5196 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 38.9563, 21.0315, 3.5196 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 38.9563, 21.0315, 3.5196

Background



This preview shows how black text looks on a background with the XYZ color 38.9563, 21.0315, 3.5196.



This preview shows how white text looks on a background with the XYZ color 38.9563, 21.0315,

3.5196.

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

38.9563, 21.0315, 3.5196

Protanopia

19.2635, 21.1173, 6.6752

Deuteranopia

21.5353, 21.2518, 2.9670



Tritanopia

38.9563, 21.0315, 3.5196

Trichromacy



Original Color

38.9563, 21.0315, 3.5196

Protanomaly

23.1062, 17.7943, 4.9061

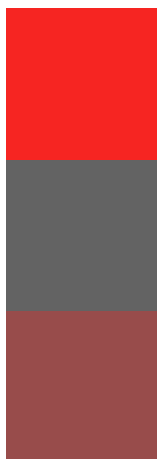
Deuteranomaly

25.4608, 18.5453, 2.5855

Tritanomaly

38.9563, 21.0315, 3.5196

Monochromacy



Original Color

38.9563, 21.0315, 3.5196

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

16.8033, 12.3523, 8.1552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9563, 21.0315, 3.5196 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(246, 37, 34)` looks like.

```
.text, #text, p{  
    color:rgb(246, 37, 34)  
}
```

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(246, 37, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 37, 34) }
```

Border

The CSS property to change the border of an element to XYZ 38.9563, 21.0315, 3.5196 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(246, 37, 34) }
```


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

```
.border{ border-color:rgb(246, 37, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 37, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 37, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 37, 34);  
box-shadow:4px 4px 4px 4px rgb(246, 37,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9563, 21.0315, 3.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 37, 34) }
```

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

```
.background{ background-color: rgb(246, 37,  
34) }
```

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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