

Converting Colors

XYZ(36.5161, 22.5270, 9.5114)

Have a look what the booklet for
XYZ(36.5161, 22.5270, 9.5114)
contains.

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Color

**XYZ(36.5571, 22.5277,
9.4427)**

Conversions

Conversions Part 1

Format	Color
Hex	E64C4D
RGB	230, 76, 77
RGB Percent	90%, 30%, 30%
CMY	0.0980, 0.7019, 0.6980
CMYK	0.00, 0.67, 0.67, 0.10
HSL	360°, 75%, 60%
HSV	360°, 67%, 90%
XYZ	36.5571, 22.5277, 9.4427
YIQ	122.1600, 91.4630, 32.9590

Conversions

Conversions Part 2

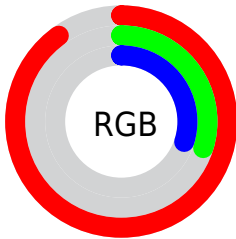
Format	Color
R_{YB}	230, 76, 77
Decimal	15092813
CIE _{Lab}	54.58, 59.39, 33.17
CIE _{LCh}	55, 68.019, 29.184
Yxy	22.5277, 0.5335, 0.3287
Android (android.graphics.Color)	4293282893 (0xFFE64C4D)
YUV	122.1600, -22.2639, 94.5757
Hunter-Lab	47.4634, 54.4229, 21.4288

Details

The XYZ color **36.5571, 22.5277, 9.4427** 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 **45.4220, 63.7878, 84.0534**, and the grayscale version is **18.6017, 19.5704, 21.3122**.

A 20% lighter version of the original color is **53.3934, 39.5414, 24.5568**, and **16.2109, 8.3253, 2.1914** is the 20% darker color. If you saturate the color by 10%, you get **34.5758, 19.6378, 5.4765**, and if you desaturate by 10%, it is **39.3888, 26.6657, 15.0902**.

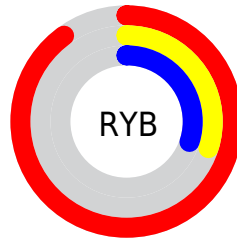
Distribution



Red (90%)

Green (30%)

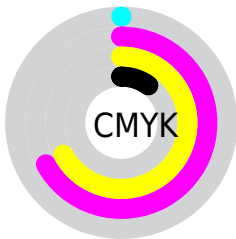
Blue (30%)



Red (90%)

Yellow (30%)

Blue (30%)

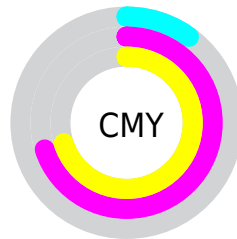


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (10%)



Cyan (10%)


Magenta (70%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5571, 22.5277, 9.4427 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 36.5571, 22.5277, 9.4427 by changing the saturation by 10% instead.

 36.5571, 22.5277,
9.4427


 36.5571, 22.5277,
9.4427


322.7779,
265.2898, 196.9850


 25.0369, 14.2452,
4.9303


 69.2093, 47.6166,
25.3331

 16.2334, 8.2914,
2.1484


 91.0720, 65.1918,
37.5482


 9.7814, 4.2820,
0.6444


 117.1130, 86.6333,
53.1679

 5.3154, 1.8325,
0.0000

 147.6974,
112.3256, 72.6108

 2.4701, 0.5073,
0.0000

 183.1908,
142.6530, 96.2954

 0.8802, 0.0000,
0.0000

223.9584,

 0.0000, 0.0000,

177.9999, 124.6403

0.0000

270.3657,
218.7507, 158.0640

■ 36.5571, 22.5277,
9.4427

■ 36.5571, 22.5277,
9.4427

■ 34.5758, 19.6378,
5.4765

■ 39.3888, 26.6657,
15.0902

■ 33.3487, 17.8524,
3.0051

■ 43.1504, 32.1671,
22.5767


■ 32.7553, 16.9936,
1.7962


■ 47.9137, 39.1383,
32.0428


■ 32.6410, 16.8261,
1.5699

■ 53.7434, 47.6742,
43.6152

■ 60.6985, 57.8619,
57.4101

 68.8339, 69.7818,
73.5351

 78.2008, 83.5092,
92.0909

 86.4429, 95.5629,
108.4972

Harmonies

Analogous

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



39.2214, 22.5277, 25.1195



36.5571, 22.5277, 9.4427



29.6440, 22.5277, 3.4485

Triad

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



36.5571, 22.5277, 9.4427



11.2947, 22.5277, 8.9157



21.2079, 22.5277, 92.9216

Complementary

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



36.5571, 22.5277, 9.4427



45.4220, 63.7878, 84.0534

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.



14.8652, 22.5277, 79.5213



36.5571, 22.5277, 9.4427



10.0228, 22.5277, 23.9475

Square

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



36.5571, 22.5277, 9.4427



15.1448, 22.5277, 3.2924



11.1616, 22.5277, 50.5471



29.2059, 22.5277, 80.8119

Rectangle

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



36.5571, 22.5277, 9.4427



24.2217, 22.5277, 2.2500



11.1616, 22.5277, 50.5471



18.8283, 22.5277, 91.1672

Sweetspot

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



36.5576, 22.5290, 9.4431



73.7714, 68.8211, 66.7289



48.6832, 27.2848, 77.5630



15.2547, 13.9463, 13.2208



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.



36.5576, 22.5290, 9.4431



43.0507, 23.8784, 5.6258



44.9142, 39.2977, 12.0573



14.3808, 14.3695, 14.9396



18.4813, 9.5267, 0.8977



1.3670, 0.7045, 0.0734

Inverse Universe

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



36.5576, 22.5290, 9.4431



43.0507, 23.8784, 5.6258



29.0808, 30.8833, 79.2907



14.3808, 14.3695, 14.9396



18.4813, 9.5267, 0.8977



1.3670, 0.7045, 0.0734

Previews

White Background



This preview shows how the XYZ color 36.5571, 22.5277, 9.4427 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 36.5571, 22.5277, 9.4427 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 36.5571, 22.5277, 9.4427

Background



This preview shows how black text looks on a background with the XYZ color 36.5571, 22.5277, 9.4427.



This preview shows how white text looks on a background with the XYZ color 36.5571, 22.5277,

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

36.5571, 22.5277, 9.4427

Protanopia

21.1361, 22.6899, 14.8209

Deuteranopia

23.1057, 22.6740, 8.7889



Tritanopia

36.6655, 22.5711, 10.0136

Trichromacy



Original Color

36.5571, 22.5277, 9.4427

Protanomaly

24.7635, 20.9913, 12.4194

Deuteranomaly

26.6771, 21.4224, 8.8598

Tritanomaly

36.6289, 22.5564, 9.8204

Monochromacy



Original Color

36.5571, 22.5277, 9.4427

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

22.3510, 18.7208, 16.0711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5571, 22.5277, 9.4427 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(230, 76, 77)` looks like.

```
.text, #text, p{  
  color:rgb(230, 76, 77)  
}
```

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(230, 76, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 76, 77) }
```

Border

The CSS property to change the border of an element to XYZ 36.5571, 22.5277, 9.4427 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(230, 76, 77) }
```


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

```
.border{ border-color:rgb(230, 76, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 76, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 76, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 76, 77);  
box-shadow:4px 4px 4px 4px rgb(230, 76,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5571, 22.5277, 9.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 76, 77) }
```

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

```
.background{ background-color: rgb(230, 76,  
77) }
```

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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