

Converting Colors

XYZ(36.8802, 22.1006, 9.7192)

Have a look what the booklet for
XYZ(36.8802, 22.1006, 9.7192)
contains.

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Color

**XYZ(36.8802, 22.1006,
9.7192)**

Conversions

Conversions Part 1

Format	Color
Hex	E8464F
RGB	232, 70, 79
RGB Percent	91%, 27%, 31%
CMY	0.0902, 0.7254, 0.6902
CMYK	0.00, 0.70, 0.66, 0.09
HSL	357°, 78%, 59%
HSV	357°, 70%, 91%
XYZ	36.8802, 22.1006, 9.7192
YIQ	119.4640, 93.6630, 37.1430

Conversions

Conversions Part 2

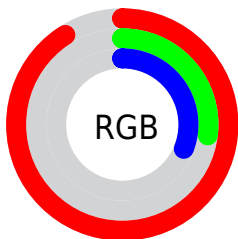
Format	Color
R_{YB}	232, 70, 79
Decimal	15222351
CIE _{Lab}	54.13, 62.39, 31.54
CIE _{LCh}	54, 69.906, 26.817
Yxy	22.1006, 0.5368, 0.3217
Android (android.graphics.Color)	4293412431 (0xFFE8464F)
YUV	119.4640, -19.9488, 98.6941
Hunter-Lab	47.0113, 57.7630, 20.6502

Details

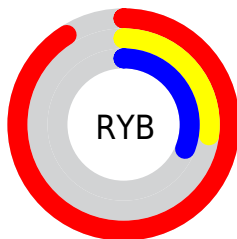
The XYZ color **36.8802, 22.1006, 9.7192** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **44.7036, 64.3437, 79.8820**, and the grayscale version is **17.7235, 18.6465, 20.3061**.

A 20% lighter version of the original color is **52.8555, 38.2569, 25.0206**, and **16.6656, 8.5564, 2.3633** is the 20% darker color. If you saturate the color by 10%, you get **35.0283, 19.4699, 5.7943**, and if you desaturate by 10%, it is **39.5561, 25.9593, 15.2154**.

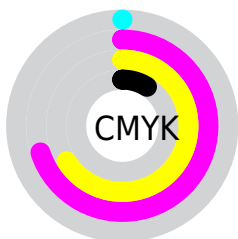
Distribution



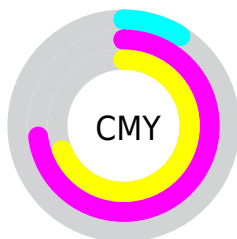
- Red (91%)
- Green (27%)
- Blue (31%)



- Red (91%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (70%)
- Yellow (66%)
- Black (9%)





- Cyan (9%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8802, 22.1006, 9.7192 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 36.8802, 22.1006, 9.7192 by changing the saturation by 10% instead.


 36.8802, 22.1006,
9.7192


 36.8802, 22.1006,
9.7192


324.1561,
263.0712, 199.0675


 25.2880, 13.9308,
5.1100


 69.7035, 46.9122,
25.8655


 16.4216, 8.0726,
2.2521


 91.6654, 64.3228,
38.2397

 9.9157, 4.1414,
0.7042


 117.8144, 85.5826,
54.0393

 5.4050, 1.7530,
0.0000

 148.5161,
111.0758, 73.6829

 2.5239, 0.4576,
0.0000

 184.1358,
141.1868, 97.5889

 0.9073, 0.0000,
0.0000

225.0388,

 0.0000, 0.0000,

176.3002, 126.1760

0.0000

271.5904,
216.8001, 159.8627

■ 36.8802, 22.1006,
9.7192

■ 36.8802, 22.1006,
9.7192

■ 35.0283, 19.4699,
5.7943

■ 39.5561, 25.9593,
15.2154

■ 33.9032, 17.9155,
3.2750

■ 43.1356, 31.1670,
22.4240


■ 33.3574, 17.1944,
1.9505


■ 47.6905, 37.8345,
31.4714


■ 33.3504, 17.1845,
1.9358


■ 53.2849, 46.0599,
42.4720

■ 59.9775, 55.9330,
55.5306

 67.8228, 67.5367,
70.7448

 76.8714, 80.9484,
88.2058

 86.9760, 95.8507,
107.9347

 87.0886, 95.8957,
108.5274

Harmonies

Analogous

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



39.1743, 22.1006, 26.4566



36.8802, 22.1006, 9.7192



30.0340, 22.1006, 3.3091

Triad

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



36.8802, 22.1006, 9.7192



11.0178, 22.1006, 7.6867



20.2071, 22.1006, 94.4165

Complementary

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



36.8802, 22.1006, 9.7192



44.7036, 64.3437, 79.8820

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.



13.9969, 22.1006, 78.6190



36.8802, 22.1006, 9.7192



9.5567, 22.1006, 21.8198

Square

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



36.8802, 22.1006, 9.7192



15.0937, 22.1006, 2.7293



10.4998, 22.1006, 48.2297



28.2900, 22.1006, 83.8331

Rectangle

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



36.8802, 22.1006, 9.7192



24.5079, 22.1006, 2.0098



10.4998, 22.1006, 48.2297



17.8546, 22.1006, 91.8638

Sweetspot

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



36.8807, 22.1019, 9.7195



73.1815, 67.6233, 66.5880



46.6361, 25.6114, 78.8292



15.1519, 13.7184, 13.2552



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.



36.8807, 22.1019, 9.7195



42.6615, 23.0863, 5.5382



43.7926, 36.4144, 10.5166



14.4093, 14.3809, 15.0896



18.5293, 9.5459, 1.1504



1.3807, 0.7100, 0.1456

Inverse Universe

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



36.8807, 22.1019, 9.7195



42.6615, 23.0863, 5.5382



29.9779, 32.9004, 81.1141



14.4093, 14.3809, 15.0896



18.5293, 9.5459, 1.1504



1.3807, 0.7100, 0.1456

Previews

White Background



This preview shows how the XYZ color 36.8802, 22.1006, 9.7192 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 36.8802, 22.1006, 9.7192 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 36.8802, 22.1006, 9.7192

Background



This preview shows how black text looks on a background with the XYZ color 36.8802, 22.1006, 9.7192.



This preview shows how white text looks on a background with the XYZ color 36.8802, 22.1006,

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

36.8802, 22.1006, 9.7192

Protanopia

20.9120, 22.3478, 16.0433

Deuteranopia

22.6112, 22.2284, 8.8931



Tritanopia

36.7680, 22.1567, 8.8173

Trichromacy



Original Color

36.8802, 22.1006, 9.7192

Protanomaly

24.3962, 20.3039, 13.2229

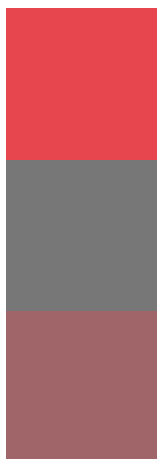
Deuteranomaly

26.4026, 20.8208, 8.9306

Tritanomaly

36.8365, 22.1841, 9.1779

Monochromacy



Original Color

36.8802, 22.1006, 9.7192

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

21.6496, 17.7804, 15.3876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8802, 22.1006, 9.7192 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, 70, 79)` looks like.

```
.text, #text, p{  
    color:rgb(232, 70, 79)  
}
```

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, 70, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 70, 79) }
```

Border

The CSS property to change the border of an element to XYZ 36.8802, 22.1006, 9.7192 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, 70, 79) }
```


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

```
.border{ border-color:rgb(232, 70, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 70, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 70, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 70, 79);  
box-shadow:4px 4px 4px 4px rgb(232, 70,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8802, 22.1006, 9.7192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 70, 79) }
```

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

```
.background{ background-color: rgb(232, 70,  
79) }
```

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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