

Converting Colors

XYZ(35.1825, 22.4331, 10.6235)

Have a look what the booklet for
XYZ(35.1825, 22.4331, 10.6235)
contains.

XYZ(35.3191, 22.5064, 10.6663)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.3191, 22.5064,
10.6663)**

Conversions

Conversions Part 1

Format	Color
Hex	E05253
RGB	224, 82, 83
RGB Percent	88%, 32%, 33%
CMY	0.1216, 0.6784, 0.6745
CMYK	0.00, 0.63, 0.63, 0.12
HSL	360°, 70%, 60%
HSV	360°, 63%, 88%
XYZ	35.3191, 22.5064, 10.6663
YIQ	124.5720, 84.3110, 30.4150

Conversions

Conversions Part 2

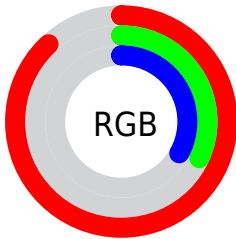
Format	Color
R_{YB}	224, 82, 83
Decimal	14701139
CIE _{Lab}	54.56, 55.33, 29.46
CIE _{LCh}	55, 62.683, 28.032
Yxy	22.5064, 0.5157, 0.3286
Android (android.graphics.Color)	4292891219 (0xFFE05253)
YUV	124.5720, -20.4950, 87.1984
Hunter-Lab	47.4409, 49.8692, 19.8783

Details

The XYZ color **35.3191, 22.5064, 10.6663** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **43.4562, 60.4334, 79.1917**, and the grayscale version is **19.3970, 20.4072, 22.2234**.

A 20% lighter version of the original color is **54.4193, 40.8448, 27.2059**, and **15.4664, 8.2539, 2.6117** is the 20% darker color. If you saturate the color by 10%, you get **33.1715, 19.3724, 6.3716**, and if you desaturate by 10%, it is **38.2943, 26.8553, 16.5958**.

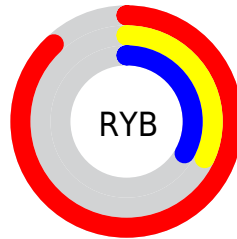
Distribution



Red (88%)

Green (32%)

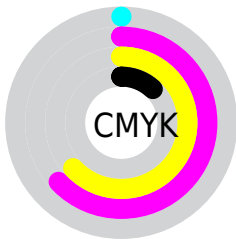
Blue (33%)



Red (88%)

Yellow (32%)

Blue (33%)

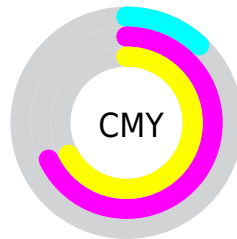


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (12%)



Cyan (12%)


Magenta (68%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3191, 22.5064, 10.6663 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 35.3191, 22.5064, 10.6663 by changing the saturation by 10% instead.


 35.3191, 22.5064,
10.6663


 35.3191, 22.5064,
10.6663


317.4580,
265.1795, 206.0182


 24.0764, 14.2295,
5.7316


 67.3106, 47.5816,
27.6686

 15.5154, 8.2804,
2.6164


 88.7901, 65.1486,
40.5732


 9.2705, 4.2749,
0.9009


 114.4127, 86.5811,
56.9716

 4.9766, 1.8285,
0.0000

 144.5436,
112.2634, 77.2822

 2.2681, 0.5048,
0.0000

 179.5482,
142.5801, 101.9237

 0.7783, 0.0000,
0.0000

219.7919,

 0.0000, 0.0000,

177.9154, 131.3145

0.0000

265.6401,
218.6537, 165.8731

■ 35.3191, 22.5064,
10.6663

■ 35.3191, 22.5064,
10.6663

■ 33.1715, 19.3724,
6.3716

■ 38.2943, 26.8553,
16.5958

■ 31.7666, 17.3267,
3.5476

■ 42.1676, 32.5216,
24.3006

■ 31.0040, 16.2217,
1.9979

■ 47.0042, 39.6015,
33.9073

■ 30.7489, 15.8506,
1.4838

■ 52.8624, 48.1811,
45.5307

■ 59.7961, 58.3394,
59.2765

67.8554, 70.1503,
75.2430

77.0872, 83.6827,
93.5225

84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



37.5200, 22.5064, 25.8294



35.3191, 22.5064, 10.6663



29.1862, 22.5064, 4.3706

Triad

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



35.3191, 22.5064, 10.6663



12.0186, 22.5064, 9.4240



20.9407, 22.5064, 85.2035

Complementary

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



35.3191, 22.5064, 10.6663



43.4562, 60.4334, 79.1917

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.



15.1253, 22.5064, 72.7338



35.3191, 22.5064, 10.6663



10.7088, 22.5064, 23.2279

Square

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



35.3191, 22.5064, 10.6663



15.7583, 22.5064, 3.9713



11.7120, 22.5064, 46.9666



28.2292, 22.5064, 75.4532

Rectangle

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



35.3191, 22.5064, 10.6663



24.2532, 22.5064, 2.9894



11.7120, 22.5064, 46.9666



18.7646, 22.5064, 83.3784

Sweetspot

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



35.3196, 22.5077, 10.6667



74.6928, 70.1674, 68.5670



46.4843, 26.8894, 73.2608



15.4337, 14.2077, 13.5785



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.



35.3196, 22.5077, 10.6667



43.8042, 24.9728, 7.1491



43.2720, 38.4733, 13.1298



13.7111, 13.7021, 14.2490



17.8999, 9.2270, 0.8729



1.2421, 0.6401, 0.0678

Inverse Universe

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



35.3196, 22.5077, 10.6667



43.8042, 24.9728, 7.1491



28.7180, 30.7423, 74.9409



13.7111, 13.7021, 14.2490



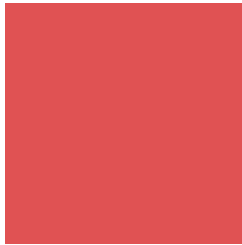
17.8999, 9.2270, 0.8729



1.2421, 0.6401, 0.0678

Previews

White Background



This preview shows how the XYZ color 35.3191, 22.5064, 10.6663 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 35.3191, 22.5064, 10.6663 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 35.3191, 22.5064, 10.6663

Background



This preview shows how black text looks on a background with the XYZ color 35.3191, 22.5064, 10.6663.



This preview shows how white text looks on a background with the XYZ color 35.3191, 22.5064,

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

35.3191, 22.5064, 10.6663

Protanopia

21.2119, 22.7008, 16.0957

Deuteranopia

22.9362, 22.5600, 9.9831



Tritanopia

35.3626, 22.4040, 11.2647

Trichromacy



Original Color

35.3191, 22.5064, 10.6663

Protanomaly

24.5940, 21.2008, 13.8623

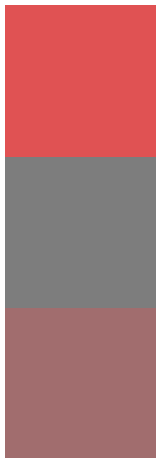
Deuteranomaly

26.4084, 21.5691, 10.1685

Tritanomaly

35.3226, 22.3880, 11.0539

Monochromacy



Original Color

35.3191, 22.5064, 10.6663

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.9811, 19.6401, 17.3315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3191, 22.5064, 10.6663 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(224, 82, 83)` looks like.

```
.text, #text, p{  
    color:rgb(224, 82, 83)  
}
```

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(224, 82, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 82, 83) }
```

Border

The CSS property to change the border of an element to XYZ 35.3191, 22.5064, 10.6663 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(224, 82, 83) }
```


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

```
.border{ border-color:rgb(224, 82, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 82, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 82, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 82, 83);  
box-shadow:4px 4px 4px 4px rgb(224, 82,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3191, 22.5064, 10.6663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 82, 83) }
```

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

```
.background{ background-color: rgb(224, 82,  
83) }
```

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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