

Converting Colors

XYZ(37.3054, 20.8808, 22.4863)

Have a look what the booklet for
XYZ(37.3054, 20.8808, 22.4863)
contains.

| | |
|--|----|
| XYZ(37.3054, 20.8808, 22.4863) | 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(37.3054, 20.8808,
22.4863)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E43880 |
| RGB | 228, 56, 128 |
| RGB Percent | 89%, 22%, 50% |
| CMY | 0.1059, 0.7803, 0.4980 |
| CMYK | 0.00, 0.75, 0.44, 0.11 |
| HSL | 335°, 76%, 56% |
| HSV | 335°, 75%, 89% |
| XYZ | 37.3054, 20.8808, 22.4863 |
| YIQ | 115.6360, 79.4000, 58.8560 |

Conversions

Conversions Part 2

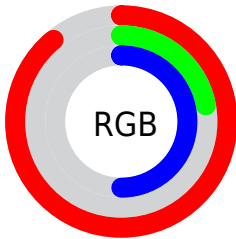
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 228, 56, 128 |
| Decimal | 14956672 |
| CIE _{Lab} | 52.82, 69.45, 0.44 |
| CIE _{LCh} | 53, 69.453, 0.359 |
| Yxy | 20.8808, 0.4624, 0.2588 |
| Android (android.graphics.Color) | 4293146752 (0xFFE43880) |
| YUV | 115.6360, 6.0955, 98.5432 |
| Hunter-Lab | 45.6955, 65.7586, 2.8109 |

Details

The XYZ color **37.3054, 20.8808, 22.4863** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **35.3766, 58.7286, 40.9286**, and the grayscale version is **16.4556, 17.3126, 18.8534**.

A 20% lighter version of the original color is **56.0589, 37.5531, 48.0099**, and **17.3476, 8.7800, 8.1775** is the 20% darker color. If you saturate the color by 10%, you get **35.6245, 18.8254, 17.8985**, and if you desaturate by 10%, it is **39.6042, 23.9895, 27.8428**.

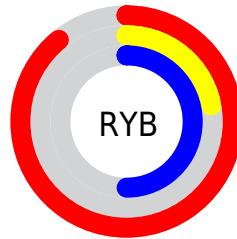
Distribution



Red (89%)

Green (22%)

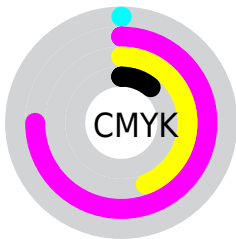
Blue (50%)



Red (89%)

Yellow (22%)

Blue (50%)

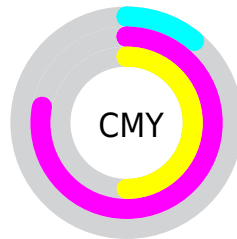


Cyan (0%)

Magenta (75%)

Yellow (44%)

Black (11%)



Cyan (11%)


Magenta (78%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3054, 20.8808, 22.4863 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 37.3054, 20.8808, 22.4863 by changing the saturation by 10% instead.


 37.3054, 20.8808,
22.4863


 37.3054, 20.8808,
22.4863


325.9635,
256.6443, 278.1113


 25.6188, 13.0369,
14.0129


 70.3530, 44.8891,
48.4609

 16.6699, 7.4540,
7.9908


 92.4448, 61.8222,
66.7992


 10.0932, 3.7476,
4.0014


 118.7356, 82.5539,
89.2629

 5.5236, 1.5334,
1.6261

 149.5909,
107.4686, 116.2706

 2.5955, 0.3121,
0.3093

 185.3759,
136.9505, 148.2407

 0.9437, 0.0000,
0.0000

226.4561,

 0.0000, 0.0000,

171.3842, 185.5918

0.0000

273.1969,
211.1540, 228.7425

■ 37.3054, 20.8808,
22.4863

■ 37.3054, 20.8808,
22.4863

■ 35.6245, 18.8254,
17.8985

■ 39.6042, 23.9895,
27.8428

■ 34.4809, 17.6692,
14.0306


■ 42.5838, 28.2708,
34.0091


■ 34.0803, 17.3281,
12.4786


■ 46.3008, 33.8313,
41.0235


■ 50.8048, 40.7646,
48.9213

■ 56.1413, 49.1556,
57.7352

 62.3519, 59.0821,
67.4961

 69.4755, 70.6165,
78.2335

 77.5484, 83.8266,
89.9752

 84.5913, 94.7486,
102.0768

Harmonies

Analogous

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



34.5958, 20.8808, 48.7484



37.3054, 20.8808, 22.4863



34.4694, 20.8808, 7.9380

Triad

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



37.3054, 20.8808, 22.4863



13.6017, 20.8808, 2.7562



13.7197, 20.8808, 78.0831

Complementary

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



37.3054, 20.8808, 22.4863



35.3766, 58.7286, 40.9286

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.



10.0842, 20.8808, 49.4727



37.3054, 20.8808, 22.4863



10.0287, 20.8808, 8.1549

Square

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



37.3054, 20.8808, 22.4863



19.7593, 20.8808, 1.6211



8.9155, 20.8808, 22.9868



19.9341, 20.8808, 90.5876

Rectangle

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



37.3054, 20.8808, 22.4863



30.1349, 20.8808, 3.7672



8.9155, 20.8808, 22.9868



12.2152, 20.8808, 69.4200

Sweetspot

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



37.3060, 20.8820, 22.4866



74.0967, 66.1130, 77.1919



28.6444, 15.2492, 74.8325



15.2772, 13.2263, 15.5868



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.



37.3060, 20.8820, 22.4866



44.9404, 23.2288, 19.9094



34.7447, 20.8509, 5.9362



14.6260, 14.4676, 16.2308



19.7353, 10.0283, 7.5010



1.5038, 0.7592, 0.7937

Inverse Universe

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



37.3060, 20.8820, 22.4866



44.9404, 23.2288, 19.9094



40.3281, 55.8284, 82.0493



14.6260, 14.4676, 16.2308



19.7353, 10.0283, 7.5010



1.5038, 0.7592, 0.7937

Previews

White Background



This preview shows how the XYZ color 37.3054, 20.8808, 22.4863 looks on a white background.

Color Contrast Check

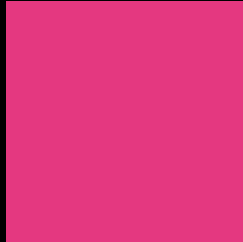
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3054, 20.8808, 22.4863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

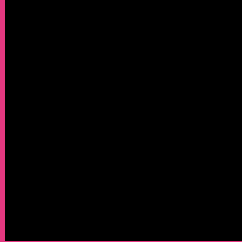
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3054, 20.8808, 22.4863

Background



This preview shows how black text looks on a background with the XYZ color 37.3054, 20.8808, 22.4863.



This preview shows how white text looks on a background with the XYZ color 37.3054, 20.8808,

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

37.3054, 20.8808, 22.4863

Protanopia

21.5287, 21.1469, 40.9773

Deuteranopia

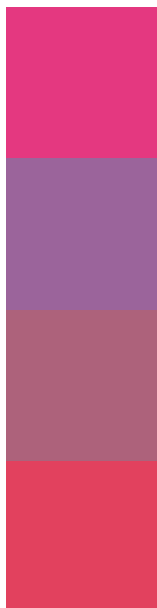
21.3342, 20.9379, 20.6863



Tritanopia

34.4775, 20.8823, 8.6921

Trichromacy



Original Color

37.3054, 20.8808, 22.4863

Protanomaly

23.9911, 18.4495, 33.3070

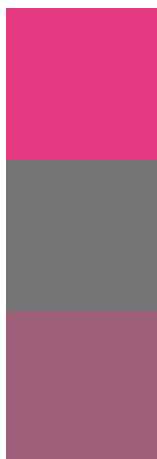
Deuteranomaly

25.1764, 19.0497, 21.0889

Tritanomaly

35.2747, 20.7575, 12.7371

Monochromacy



Original Color

37.3054, 20.8808, 22.4863

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

21.2975, 16.5296, 19.8373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3054, 20.8808, 22.4863 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(228, 56, 128)` looks like.

```
.text, #text, p{  
  color:rgb(228, 56, 128)  
}
```

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(228, 56, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 56, 128) }
```

Border

The CSS property to change the border of an element to XYZ 37.3054, 20.8808, 22.4863 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(228, 56, 128) }
```


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

```
.border{ border-color:rgb(228, 56, 128) }
```

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

Here you see how a box with a 4 pixel rgb(228, 56, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 56, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 56, 128);  
box-shadow:4px 4px 4px 4px rgb(228, 56,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3054, 20.8808, 22.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 56, 128) }
```

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

```
.background{ background-color: rgb(228, 56,  
128) }
```

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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