

Converting Colors

XYZ(36.5654, 20.3591, 25.2255)

Have a look what the booklet for
XYZ(36.5654, 20.3591, 25.2255)
contains.

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Color

**XYZ(36.5506, 20.3572,
25.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	E03788
RGB	224, 55, 136
RGB Percent	88%, 22%, 53%
CMY	0.1216, 0.7843, 0.4667
CMYK	0.00, 0.75, 0.39, 0.12
HSL	331°, 73%, 55%
HSV	331°, 75%, 88%
XYZ	36.5506, 20.3572, 25.2955
YIQ	114.7650, 74.7230, 61.0190

Conversions

Conversions Part 2

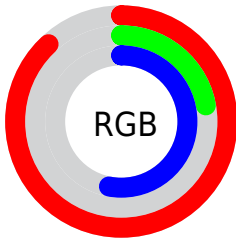
Format	Color
R_{YB}	224, 55, 136
Decimal	14694280
CIE _{Lab}	52.24, 69.47, -5.30
CIE _{LCh}	52, 69.668, 355.640
Yxy	20.3572, 0.4446, 0.2476
Android (android.graphics.Color)	4292884360 (0xFFE03788)
YUV	114.7650, 10.4689, 95.7991
Hunter-Lab	45.1190, 65.6436, -1.6571

Details

The XYZ color **36.5506, 20.3572, 25.2955** 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 **33.1906, 56.1074, 35.0713**, and the grayscale version is **16.1795, 17.0221, 18.5371**.

A 20% lighter version of the original color is **56.7866, 37.6567, 52.4196**, and **16.7840, 8.4584, 9.5521** is the 20% darker color. If you saturate the color by 10%, you get **34.9330, 18.3773, 20.8864**, and if you desaturate by 10%, it is **38.7420, 23.3403, 30.3414**.

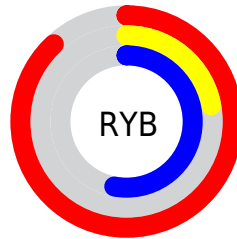
Distribution



Red (88%)

Green (22%)

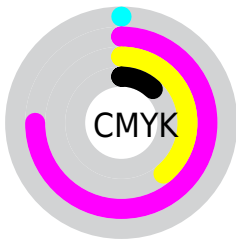
Blue (53%)



Red (88%)

Yellow (22%)

Blue (53%)

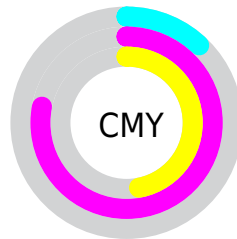


Cyan (0%)

Magenta (75%)

Yellow (39%)

Black (12%)



Cyan (12%)


Magenta (78%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5506, 20.3572, 25.2955 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 36.5506, 20.3572, 25.2955 by changing the saturation by 10% instead.


 36.5506, 20.3572,
25.2955


 36.5506, 20.3572,
25.2955


322.7502,
253.8423, 292.8010


 25.0318, 12.6550,
16.0763


 69.1994, 44.0152,
53.1063

 16.2296, 7.1914,
9.4232


 91.0601, 60.7398,
72.5349


 9.7787, 3.5821,
4.9177


 117.0988, 81.2407,
96.2038

 5.3136, 1.4426,
2.1412

 147.6809,
105.9022, 124.5315

 2.4690, 0.2478,
0.6401

 183.1718,
135.1087, 157.9366

 0.8797, 0.0000,
0.0000

223.9367,

 0.0000, 0.0000,

169.2446, 196.8375

0.0000

270.3410,
208.6944, 241.6528

■ 36.5506, 20.3572,
25.2955

■ 36.5506, 20.3572,
25.2955

■ 34.9330, 18.3773,
20.8864

■ 38.7420, 23.3403,
30.3414

■ 33.8135, 17.2538,
17.0741


■ 41.5662, 27.4401,
36.0568


■ 33.4130, 16.9163,
15.5119


■ 45.0761, 32.7583,
42.4725


■ 49.3183, 39.3842,
49.6164

■ 54.3352, 47.3984,
57.5147

 60.1658, 56.8753,
66.1920

 66.8463, 67.8837,
75.6714

 74.4107, 80.4882,
85.9752

 82.3750, 93.7171,
96.9526

Harmonies

Analogous

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



33.0626, 20.3572, 52.6429



36.5506, 20.3572, 25.2955



34.5790, 20.3572, 9.1198

Triad

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



36.5506, 20.3572, 25.2955



13.9884, 20.3572, 2.2454



12.5803, 20.3572, 73.1489

Complementary

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



36.5506, 20.3572, 25.2955



33.1906, 56.1074, 35.0713

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.



9.4123, 20.3572, 43.9430



36.5506, 20.3572, 25.2955



10.0737, 20.3572, 6.5420

Square

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



36.5506, 20.3572, 25.2955



20.4130, 20.3572, 1.5228



8.6227, 20.3572, 19.3050



18.3225, 20.3572, 89.1712

Rectangle

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



36.5506, 20.3572, 25.2955



30.6413, 20.3572, 4.2499



8.6227, 20.3572, 19.3050



11.2403, 20.3572, 63.9185

Sweetspot

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



36.5512, 20.3583, 25.2958



74.5758, 66.3047, 79.7150



26.0319, 13.8946, 71.8309



15.3923, 13.2724, 16.1930



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.



36.5512, 20.3583, 25.2958



45.8598, 23.5966, 24.7510



32.9347, 19.1320, 5.5728



13.9795, 13.8094, 15.6620



19.5062, 9.8695, 9.3314



1.3971, 0.7021, 0.8841

Inverse Universe

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



36.5512, 20.3583, 25.2958



45.8598, 23.5966, 24.7510



40.9357, 58.0042, 79.5594



13.9795, 13.8094, 15.6620



19.5062, 9.8695, 9.3314



1.3971, 0.7021, 0.8841

Previews

White Background



This preview shows how the XYZ color 36.5506, 20.3572, 25.2955 looks on a white background.

Color Contrast Check

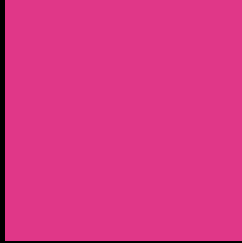
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5506, 20.3572, 25.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

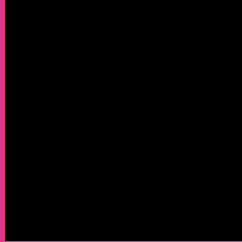
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.5506, 20.3572, 25.2955

Background



This preview shows how black text looks on a background with the XYZ color 36.5506, 20.3572, 25.2955.



This preview shows how white text looks on a background with the XYZ color 36.5506, 20.3572,

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

36.5506, 20.3572, 25.2955

Protanopia

21.3846, 20.5870, 46.0266

Deuteranopia

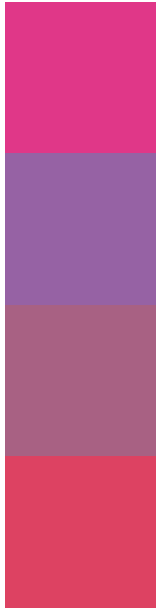
20.8870, 20.4675, 23.2718



Tritanopia

33.1371, 20.3722, 9.0232

Trichromacy



Original Color

36.5506, 20.3572, 25.2955

Protanomaly

23.6462, 17.8997, 37.3307

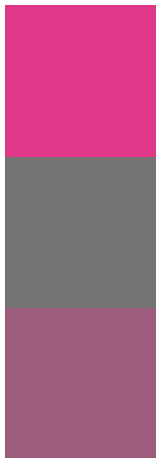
Deuteranomaly

24.5199, 18.5129, 23.7537

Tritanomaly

33.9716, 20.1504, 13.6542

Monochromacy



Original Color

36.5506, 20.3572, 25.2955

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

21.0071, 16.2273, 20.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5506, 20.3572, 25.2955 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, 55, 136)` looks like.

```
.text, #text, p{  
    color:rgb(224, 55, 136)  
}
```

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, 55, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 55, 136) }
```

Border

The CSS property to change the border of an element to XYZ 36.5506, 20.3572, 25.2955 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, 55, 136) }
```


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

```
.border{ border-color:rgb(224, 55, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 55, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 55, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 55, 136);  
box-shadow:4px 4px 4px 4px rgb(224, 55,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5506, 20.3572, 25.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 55, 136) }
```

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

```
.background{ background-color: rgb(224, 55,  
136) }
```

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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