

Converting Colors

XYZ(36.6914, 22.9757, 20.7776)

Have a look what the booklet for
XYZ(36.6914, 22.9757, 20.7776)
contains.

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Color

**XYZ(36.6543, 22.9693,
20.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	DE527A
RGB	222, 82, 122
RGB Percent	87%, 32%, 48%
CMY	0.1294, 0.6784, 0.5216
CMYK	0.00, 0.63, 0.45, 0.13
HSL	343°, 68%, 60%
HSV	343°, 63%, 87%
XYZ	36.6543, 22.9693, 20.9140
YIQ	128.4200, 70.6000, 42.1200

Conversions

Conversions Part 2

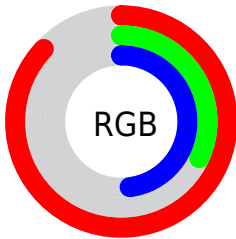
Format	Color
R_{YB}	222, 82, 122
Decimal	14570106
CIE _{Lab}	55.04, 57.73, 7.09
CIE _{LCh}	55, 58.166, 7.000
Yxy	22.9693, 0.4551, 0.2852
Android (android.graphics.Color)	4292760186 (0xFFDE527A)
YUV	128.4200, -3.1651, 82.0697
Hunter-Lab	47.9263, 52.6468, 7.6755

Details

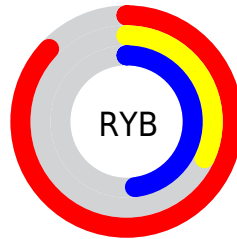
The XYZ color **36.6543, 22.9693, 20.9140** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **38.0458, 57.4143, 53.3368**, and the grayscale version is **20.6582, 21.7340, 23.6684**.

A 20% lighter version of the original color is **57.9685, 42.4930, 45.1911**, and **16.3071, 8.5174, 7.2631** is the 20% darker color. If you saturate the color by 10%, you get **34.3389, 19.7848, 15.6836**, and if you desaturate by 10%, it is **39.6726, 27.3031, 27.1702**.

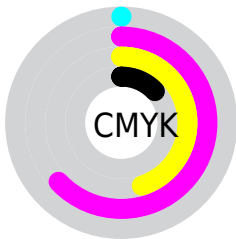
Distribution



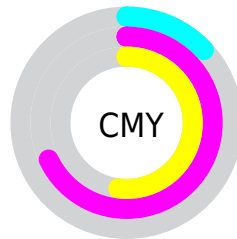
- Red (87%)
- Green (32%)
- Blue (48%)



- Red (87%)
- Yellow (32%)
- Blue (48%)



- Cyan (0%)
- Magenta (63%)
- Yellow (45%)
- Black (13%)





- Cyan (13%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6543, 22.9693, 20.9140 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 36.6543, 22.9693, 20.9140 by changing the saturation by 10% instead.

 36.6543, 22.9693,
20.9140


 36.6543, 22.9693,
20.9140

323.1930,
267.5673, 269.5871


 25.1124, 14.5708,
12.8705


 69.3581, 48.3429,
45.8233


 16.2900, 8.5188,
7.2098

 91.2506, 66.0869,
63.5262

 9.8217, 4.4286,
3.5132


 117.3241, 87.7147,
85.2860

 5.3423, 1.9161,
1.3623

 147.9439,
113.6110, 111.5212

 2.4863, 0.5580,
0.1120

183.4753,
144.1600, 142.6504

 0.8883, 0.0000,
0.0000

224.2837,

 0.0000, 0.0000,

179.7461, 179.0921

0.0000

270.7345,
220.7537, 221.2648

■ 36.6543, 22.9693,
20.9140

■ 36.6543, 22.9693,
20.9140

■ 34.3389, 19.7848,
15.6836

■ 39.6726, 27.3031,
27.1702

■ 32.6624, 17.6339,
11.4187

■ 43.4464, 32.8795,
34.5047

■ 31.5512, 16.3830,
8.0535

■ 48.0252, 39.7869,
42.9679

■ 31.0331, 15.8931,
6.1965

■ 53.4535, 48.1040,
52.6064

■ 59.7727, 57.9038,
63.4638

■ 67.0213, 69.2540,
75.5818

■ 75.2355, 82.2181,
88.9998

■ 82.9618, 93.8806,
103.2598

■ 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



35.4027, 22.9693, 41.6745



36.6543, 22.9693, 20.9140



33.3510, 22.9693, 9.1114

Triad

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



36.6543, 22.9693, 20.9140



15.1678, 22.9693, 5.9819



17.3224, 22.9693, 74.2331

Complementary

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



36.6543, 22.9693, 20.9140



38.0458, 57.4143, 53.3368

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.



13.3269, 22.9693, 53.1641



36.6543, 22.9693, 20.9140



12.2654, 22.9693, 13.5113

Square

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



36.6543, 22.9693, 20.9140



20.3503, 22.9693, 3.6951



11.6652, 22.9693, 29.6079



23.3831, 22.9693, 79.6619

Rectangle

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



36.6543, 22.9693, 20.9140



29.3327, 22.9693, 5.4489



11.6652, 22.9693, 29.6079



15.7326, 22.9693, 68.3724

Sweetspot

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



36.6549, 22.9705, 20.9144



76.4141, 70.8560, 77.6311



35.0256, 21.0133, 71.3169



15.8415, 14.3708, 15.7257



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.



36.6549, 22.9705, 20.9144



46.1048, 25.8930, 19.2634



37.2240, 27.2922, 11.2903



13.8674, 13.7646, 15.0720



18.4746, 9.4569, 3.8993



1.3184, 0.6707, 0.4698

Inverse Universe

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



36.6549, 22.9705, 20.9144



46.1048, 25.8930, 19.2634



35.9573, 45.6523, 76.0236



13.8674, 13.7646, 15.0720



18.4746, 9.4569, 3.8993



1.3184, 0.6707, 0.4698

Previews

White Background



This preview shows how the XYZ color 36.6543, 22.9693, 20.9140 looks on a white background.

Color Contrast Check

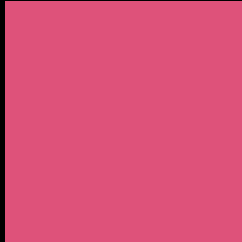
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6543, 22.9693, 20.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

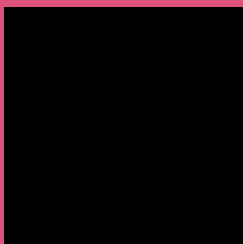
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6543, 22.9693, 20.9140

Background



This preview shows how black text looks on a background with the XYZ color 36.6543, 22.9693, 20.9140.



This preview shows how white text looks on a background with the XYZ color 36.6543, 22.9693,

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

36.6543, 22.9693, 20.9140

Protanopia

22.6746, 23.1017, 32.1182

Deuteranopia

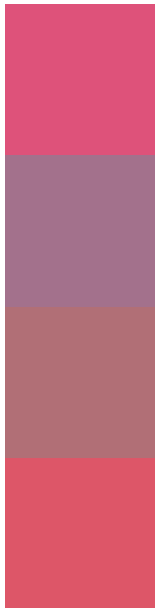
23.4464, 22.9959, 19.4225



Tritanopia

34.9807, 22.9854, 12.9489

Trichromacy



Original Color

36.6543, 22.9693, 20.9140

Protanomaly

25.7430, 21.4902, 27.6022

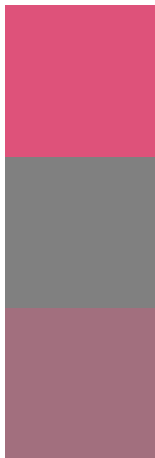
Deuteranomaly

27.0859, 22.0240, 19.9630

Tritanomaly

35.6453, 23.0272, 15.6627

Monochromacy



Original Color

36.6543, 22.9693, 20.9140

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.3506, 20.5566, 22.4231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6543, 22.9693, 20.9140 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(222, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(222, 82, 122)  
}
```

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(222, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 82, 122) }
```

Border

The CSS property to change the border of an element to XYZ 36.6543, 22.9693, 20.9140 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(222, 82, 122) }
```


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

```
.border{ border-color:rgb(222, 82, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 82, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(222, 82,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6543, 22.9693, 20.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 82, 122) }
```

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

```
.background{ background-color: rgb(222, 82,  
122) }
```

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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