

Converting Colors

XYZ(36.0704, 19.1098, 21.4171)

Have a look what the booklet for
XYZ(36.0704, 19.1098, 21.4171)
contains.

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Color

**XYZ(36.0753, 19.0990,
21.5238)**

Conversions

Conversions Part 1

Format	Color
Hex	E3247E
RGB	227, 36, 126
RGB Percent	89%, 14%, 49%
CMY	0.1098, 0.8587, 0.5059
CMYK	0.00, 0.84, 0.44, 0.11
HSL	332°, 77%, 52%
HSV	332°, 84%, 89%
XYZ	36.0753, 19.0990, 21.5238
YIQ	103.3690, 84.9460, 68.4820

Conversions

Conversions Part 2

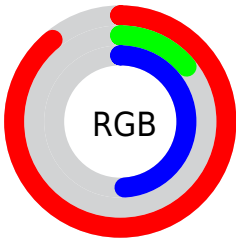
Format	Color
R_{YB}	227, 36, 126
Decimal	14886014
CIE _{Lab}	50.80, 74.07, -1.33
CIE _{LCh}	51, 74.084, 358.972
Yxy	19.0990, 0.4704, 0.2490
Android (android.graphics.Color)	4293076094 (0xFFE3247E)
YUV	103.3690, 11.1571, 108.4244
Hunter-Lab	43.7024, 70.8683, 1.3909

Details

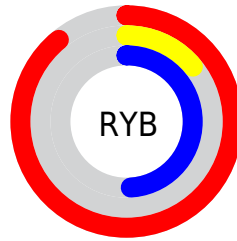
The XYZ color **36.0753, 19.0990, 21.5238** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **32.7139, 57.1201, 32.9747**, and the grayscale version is **12.9478, 13.6221, 14.8345**.

A 20% lighter version of the original color is **54.3275, 34.5775, 45.9302**, and **16.8566, 8.5352, 7.7802** is the 20% darker color. If you saturate the color by 10%, you get **34.8635, 17.8417, 17.5246**, and if you desaturate by 10%, it is **37.8158, 21.2651, 26.1582**.

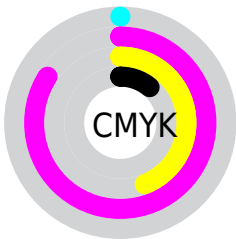
Distribution



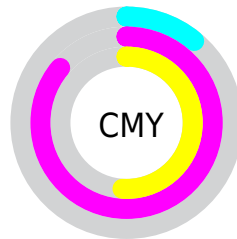
- Red (89%)
- Green (14%)
- Blue (49%)



- Red (89%)
- Yellow (14%)
- Blue (49%)



- Cyan (0%)
- Magenta (84%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (86%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0753, 19.0990, 21.5238 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 36.0753, 19.0990, 21.5238 by changing the saturation by 10% instead.


 36.0753, 19.0990,
21.5238


 36.0753, 19.0990,
21.5238

320.7150,
246.9948, 272.9212


 24.6627, 11.7418,
13.3125


 68.4714, 41.9013,
46.8497


 15.9534, 6.5681,
7.5108


 90.1856, 58.1153,
64.8014


 9.5818, 3.1935,
3.7003


 116.0644, 78.0503,
86.8369

 5.1827, 1.2336,
1.4624

 146.4732,
102.0907, 113.3748

 2.3907, 0.0889,
0.1897

 181.7773,
130.6210, 144.8336

 0.8405, 0.0000,
0.0000

222.3421,

 0.0000, 0.0000,

164.0255, 181.6319

0.0000

268.5329,
202.6886, 224.1883

■ 36.0753, 19.0990,
21.5238

■ 36.0753, 19.0990,
21.5238

■ 34.8635, 17.8417,
17.5246

■ 37.8158, 21.2651,
26.1582

■ 34.3298, 17.3914,
15.4442

■ 40.1579, 24.4805,
31.4670

■ 43.1636, 28.8645,
37.4857

■ 46.8863, 34.5195,
44.2461

■ 51.3736, 41.5364,
51.7775

■ 56.6690, 49.9977,
60.1074

■ 62.8124, 59.9794,
69.2614

■ 69.8410, 71.5520,
79.2642

■ 77.7899, 84.7817,
90.1390

Harmonies

Analogous

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



33.0016, 19.0990, 49.0958



36.0753, 19.0990, 21.5238



33.3774, 19.0990, 6.7852

Triad

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



36.0753, 19.0990, 21.5238



12.1767, 19.0990, 1.7388



11.8461, 19.0990, 77.6178

Complementary

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



36.0753, 19.0990, 21.5238



32.7139, 57.1201, 32.9747

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.



8.4470, 19.0990, 46.9180



36.0753, 19.0990, 21.5238



8.5989, 19.0990, 6.2112

Square

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



36.0753, 19.0990, 21.5238



18.4056, 19.0990, 0.9451



7.4385, 19.0990, 20.0839



17.9028, 19.0990, 92.2518

Rectangle

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



36.0753, 19.0990, 21.5238



28.9915, 19.0990, 2.8366



7.4385, 19.0990, 20.0839



10.4213, 19.0990, 68.1332

Sweetspot

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



36.0758, 19.1001, 21.5241



73.0147, 63.8665, 77.0859



24.4387, 11.9343, 73.6883



15.0884, 12.8042, 15.6612



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.



36.0758, 19.1001, 21.5241



44.6390, 22.6196, 19.8286



32.7293, 17.9227, 3.4050



14.6582, 14.4805, 16.4007



20.0792, 10.1659, 9.3122



1.5304, 0.7699, 0.9337

Inverse Universe

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



36.0758, 19.1001, 21.5241



44.6390, 22.6196, 19.8286



41.1997, 59.1343, 81.9154



14.6582, 14.4805, 16.4007



20.0792, 10.1659, 9.3122



1.5304, 0.7699, 0.9337

Previews

White Background



This preview shows how the XYZ color 36.0753, 19.0990, 21.5238 looks on a white background.

Color Contrast Check

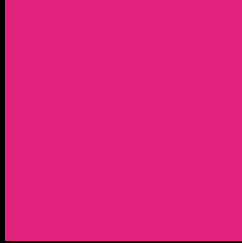
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0753, 19.0990, 21.5238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

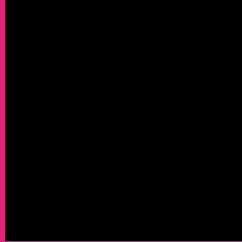
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0753, 19.0990, 21.5238

Background



This preview shows how black text looks on a background with the XYZ color 36.0753, 19.0990, 21.5238.



This preview shows how white text looks on a background with the XYZ color 36.0753, 19.0990,

21.5238.

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

36.0753, 19.0990, 21.5238

Protanopia

20.1633, 19.4711, 43.2530

Deuteranopia

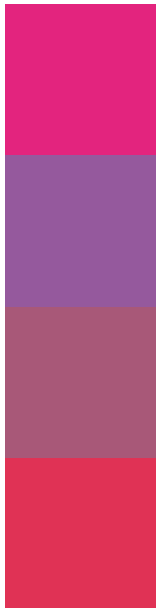
19.6810, 19.3921, 19.5354



Tritanopia

32.7868, 19.0510, 6.3640

Trichromacy



Original Color

36.0753, 19.0990, 21.5238

Protanomaly

22.0526, 15.9686, 33.8182

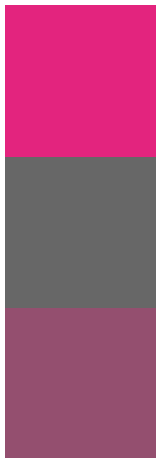
Deuteranomaly

23.0283, 16.6603, 19.7713

Tritanomaly

33.5208, 18.7844, 10.4533

Monochromacy



Original Color

36.0753, 19.0990, 21.5238

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

17.8780, 13.0356, 16.6128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0753, 19.0990, 21.5238 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(227, 36, 126)` looks like.

```
.text, #text, p{  
    color:rgb(227, 36, 126)  
}
```

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(227, 36, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 36, 126) }
```

Border

The CSS property to change the border of an element to XYZ 36.0753, 19.0990, 21.5238 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(227, 36, 126) }
```


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

```
.border{ border-color:rgb(227, 36, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 36, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 36, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 36, 126);  
box-shadow:4px 4px 4px 4px rgb(227, 36,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0753, 19.0990, 21.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 36, 126) }
```

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

```
.background{ background-color: rgb(227, 36,  
126) }
```

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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