

Converting Colors

XYZ(35.3253, 27.4091, 46.6087)

Have a look what the booklet for
XYZ(35.3253, 27.4091, 46.6087)
contains.

XYZ(35.3253, 27.4091, 46.6087)	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(35.3253, 27.4091,
46.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	BA79B4
RGB	186, 121, 180
RGB Percent	73%, 47%, 71%
CMY	0.2706, 0.5255, 0.2941
CMYK	0.00, 0.35, 0.03, 0.27
HSL	306°, 32%, 60%
HSV	306°, 35%, 73%
XYZ	35.3253, 27.4091, 46.6087
YIQ	147.1610, 19.8010, 32.1290

Conversions

Conversions Part 2

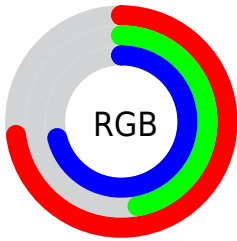
Format	Color
RYB	186, 121, 180
Decimal	12220852
CIELab	59.35, 34.70, -20.81
CIELCh	59, 40.464, 329.043
Yxy	27.4091, 0.3231, 0.2507
Android (android.graphics.Color)	4290410932 (0xFFBA79B4)
YUV	147.1610, 16.1896, 34.0618
Hunter-Lab	52.3537, 28.8227, -16.1363

Details

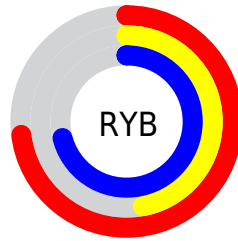
The XYZ color **35.3253, 27.4091, 46.6087** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.2760, 40.7160, 26.3962**, and the grayscale version is **27.7299, 29.1740, 31.7705**.

A 20% lighter version of the original color is **67.2385, 55.3829, 86.5030**, and **15.5997, 10.9443, 21.3689** is the 20% darker color. If you saturate the color by 10%, you get **33.1056, 23.2474, 45.0113**, and if you desaturate by 10%, it is **37.9847, 32.4457, 48.3639**.

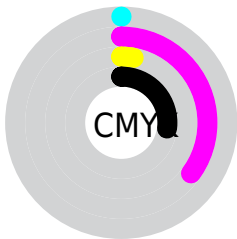
Distribution



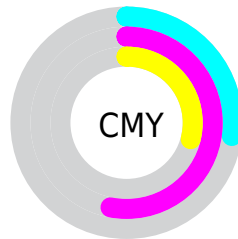
- Red (73%)
- Green (47%)
- Blue (71%)



- Red (73%)
- Yellow (47%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3253, 27.4091, 46.6087 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 35.3253, 27.4091, 46.6087 by changing the saturation by 10% instead.

35.3253, 27.4091,
46.6087

35.3253, 27.4091,
46.6087

317.4848,
289.6325, 389.5989

24.0813, 17.8807,
32.3743

67.3201, 55.5396,
86.4731

15.5190, 10.8644,
21.3804

88.8016, 74.9106,
112.9402

9.2731, 5.9757,
13.2084

114.4262, 98.3312,
144.3219

4.9783, 2.8303,
7.4398

144.5594,
126.1858, 181.0368

2.2691, 1.0438,
3.6560

179.5665,
158.8588, 223.5034

0.7788, 0.0000,
1.4386

219.8129,

0.0000, 0.0000,

196.7347, 272.1402

0.1716

265.6639,
240.1978, 327.3659

■ 0.0000, 0.0000,
0.0000

■ 35.3253, 27.4091,
46.6087

■ 35.3253, 27.4091,
46.6087

■ 33.1056, 23.2474,
45.0113

■ 37.9847, 32.4457,
48.3639

■ 31.2978, 19.9066,
43.5616

■ 41.1044, 38.3998,
50.2830

■ 29.8751, 17.3325,
42.2509


■ 44.7066, 45.3156,
52.3737


■ 28.8064, 15.4630,
41.0687


■ 48.8115, 53.2333,
54.6428


■ 28.0557, 14.2261,
40.0031


■ 53.4382, 62.1910,
57.0966


 27.5792, 13.5343,
39.0394

 58.6047, 72.2246,
59.7413

 27.3955, 13.2974,
38.5752

 64.3280, 83.3684,
62.5825

 65.7182, 85.8425,
63.9902

 65.9119, 85.9200,
65.0102

Harmonies

Analogous

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



31.0702, 27.4091, 61.4638



35.3253, 27.4091, 46.6087



37.0501, 27.4091, 30.3118

Triad

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



35.3253, 27.4091, 46.6087



26.2144, 27.4091, 9.7437



18.4326, 27.4091, 45.5317

Complementary

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



35.3253, 27.4091, 46.6087



29.2760, 40.7160, 26.3962

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.



17.4784, 27.4091, 29.3807



35.3253, 27.4091, 46.6087



21.6047, 27.4091, 11.5006

Square

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



35.3253, 27.4091, 46.6087



31.3879, 27.4091, 11.7489



18.5619, 27.4091, 17.6752



21.3571, 27.4091, 60.7132

Rectangle

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



35.3253, 27.4091, 46.6087



36.3820, 27.4091, 21.6385



18.5619, 27.4091, 17.6752



17.8889, 27.4091, 39.8985

Sweetspot

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



35.3262, 27.4103, 46.6093



77.5119, 75.3694, 92.9111



24.3673, 21.6886, 49.3571



16.8689, 16.2129, 20.3436



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3262, 27.4103, 46.6093



60.8434, 43.7006, 82.2121



32.4400, 26.2559, 31.4109



9.3442, 9.1481, 11.1601



18.4452, 8.9519, 26.0292



0.6607, 0.3198, 0.9729

Inverse Universe

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



35.3262, 27.4103, 46.6093



60.8434, 43.7006, 82.2121



31.6959, 41.6840, 39.1393



9.3442, 9.1481, 11.1601



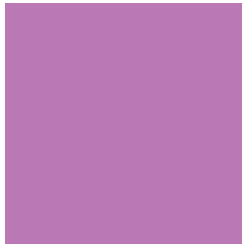
18.4452, 8.9519, 26.0292



0.6607, 0.3198, 0.9729

Previews

White Background



This preview shows how the XYZ color 35.3253, 27.4091, 46.6087 looks on a white background.

Color Contrast Check

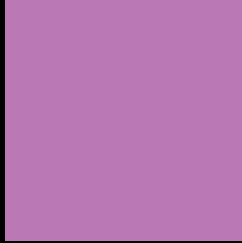
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3253, 27.4091, 46.6087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

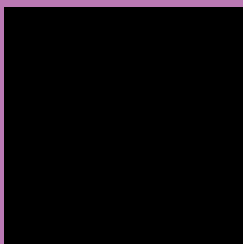
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3253, 27.4091, 46.6087

Background



This preview shows how black text looks on a background with the XYZ color 35.3253, 27.4091, 46.6087.



This preview shows how white text looks on a background with the XYZ color 35.3253, 27.4091,

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

35.3253, 27.4091, 46.6087

Protanopia

28.2773, 27.5791, 55.4627

Deuteranopia

28.0298, 27.4662, 44.8985



Tritanopia

31.5665, 27.3884, 28.0488

Trichromacy



Original Color

35.3253, 27.4091, 46.6087

Protanomaly

30.2138, 27.1575, 52.3647

Deuteranomaly

30.2280, 27.1175, 45.2360

Tritanomaly

32.8220, 27.3221, 34.1156

Monochromacy



Original Color

35.3253, 27.4091, 46.6087

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.0444, 28.2572, 36.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3253, 27.4091, 46.6087 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(186, 121, 180)` looks like.

```
.text, #text, p{  
    color:rgb(186, 121, 180)  
}
```

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(186, 121, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 121, 180) }
```

Border

The CSS property to change the border of an element to XYZ 35.3253, 27.4091, 46.6087 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(186, 121, 180) }
```


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

```
.border{ border-color:rgb(186, 121, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 121, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 121, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 121, 180);  
box-shadow:4px 4px 4px 4px rgb(186, 121,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3253, 27.4091, 46.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 121, 180) }
```

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

```
.background{ background-color: rgb(186,  
121, 180) }
```

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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