

Converting Colors

XYZ(18.5848, 13.7208, 21.3985)

Have a look what the booklet for
XYZ(18.5848, 13.7208, 21.3985)
contains.

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Color

**XYZ(18.5362, 13.7126,
21.4085)**

Conversions

Conversions Part 1

Format	Color
Hex	91537E
RGB	145, 83, 126
RGB Percent	57%, 33%, 49%
CMY	0.4314, 0.6745, 0.5059
CMYK	0.00, 0.43, 0.13, 0.43
HSL	318°, 27%, 45%
HSV	318°, 43%, 57%
XYZ	18.5362, 13.7126, 21.4085
YIQ	106.4400, 23.1490, 26.5170

Conversions

Conversions Part 2

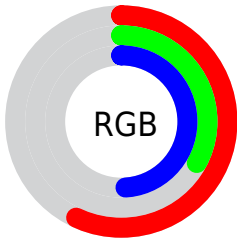
Format	Color
R_{YB}	145, 83, 126
Decimal	9524094
CIE _{Lab}	43.82, 32.12, -13.16
CIE _{LCh}	44, 34.712, 337.714
Yxy	13.7126, 0.3455, 0.2556
Android (android.graphics.Color)	4287714174 (0xFF91537E)
YUV	106.4400, 9.6431, 33.8171
Hunter-Lab	37.0305, 24.5475, -8.3560

Details

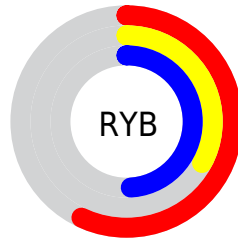
The XYZ color **18.5362, 13.7126, 21.4085** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.0915, 23.0495, 16.1722**, and the grayscale version is **13.7906, 14.5088, 15.8001**.

A 20% lighter version of the original color is **40.4812, 32.5842, 46.8036**, and **6.4548, 4.0650, 7.4656** is the 20% darker color. If you saturate the color by 10%, you get **17.2603, 11.6094, 19.5998**, and if you desaturate by 10%, it is **20.0577, 16.2862, 23.3622**.

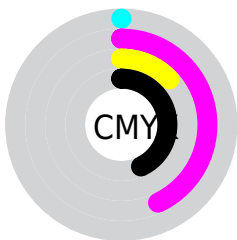
Distribution



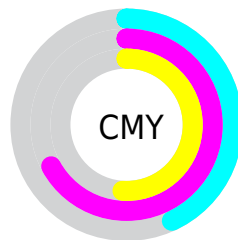
- Red (57%)
- Green (33%)
- Blue (49%)



- Red (57%)
- Yellow (33%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (13%)
- Black (43%)



- Cyan (43%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5362, 13.7126, 21.4085 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 18.5362, 13.7126, 21.4085 by changing the saturation by 10% instead.

18.5362, 13.7126,
21.4085

18.5362, 13.7126,
21.4085

236.8638,
215.4355, 272.2935

11.4376, 7.9210,
13.2288

40.4719, 32.5782,
46.6560

6.4315, 4.0445,
7.4537

56.0397, 46.4210,
64.5608

3.1523, 1.6985,
3.6647

75.1613, 63.7164,
86.5445

1.2348, 0.4227,
1.4433

98.2021, 84.8488,
113.0255

0.1336, 0.0000,
0.1751

125.5273,
110.2025, 144.4223

0.0000, 0.0000,
0.0000

157.5025,

140.1619, 181.1536

194.4929,
175.1114, 223.6378

■ 18.5362, 13.7126,
21.4085

■ 18.5362, 13.7126,
21.4085

■ 17.2603, 11.6094,
19.5998

■ 20.0577, 16.2862,
23.3622

■ 16.2140, 9.9455,
17.9296

■ 21.8370, 19.3551,
25.4654

■ 15.3814, 8.6889,
16.3917

■ 23.8871, 22.9445,
27.7232

■ 14.7436, 7.8027,
14.9793

■ 26.2195, 27.0775,
30.1403

■ 14.2788, 7.2429,
13.6841

■ 28.8452, 31.7757,
32.7212

■ 14.0047, 6.9508,
12.8034

■ 31.7746, 37.0595,
35.4699

■ 35.0175, 42.9485,
38.3905

■ 38.5832, 49.4612,
41.4869

■ 42.4809, 56.6153,
44.7627

Harmonies

Analogous

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



16.5260, 13.7126, 30.3138



18.5362, 13.7126, 21.4085



18.9766, 13.7126, 12.9970

Triad

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



18.5362, 13.7126, 21.4085



12.3395, 13.7126, 4.4201



9.2970, 13.7126, 26.1820

Complementary

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



18.5362, 13.7126, 21.4085



16.0915, 23.0495, 16.1722

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.



8.4820, 13.7126, 17.0472



18.5362, 13.7126, 21.4085



10.0712, 13.7126, 5.8982

Square

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



18.5362, 13.7126, 21.4085



15.1333, 13.7126, 4.8744



8.7442, 13.7126, 9.9123



11.1374, 13.7126, 33.6757

Rectangle

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



18.5362, 13.7126, 21.4085



18.2710, 13.7126, 8.9597



8.7442, 13.7126, 9.9123



8.9067, 13.7126, 23.0966

Sweetspot

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



18.5366, 13.7132, 21.4088



42.5768, 40.7356, 49.4328



13.6390, 11.0330, 28.1990



9.3001, 8.7604, 10.8120



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.5366, 13.7132, 21.4088



31.0552, 21.0256, 35.3165



16.8546, 13.0404, 12.5515



5.5568, 5.4833, 6.4303



12.0242, 5.9667, 11.0444



0.1248, 0.0610, 0.1575

Inverse Universe

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



18.5366, 13.7132, 21.4088



31.0552, 21.0256, 35.3165



17.8992, 23.7726, 25.6913



5.5568, 5.4833, 6.4303



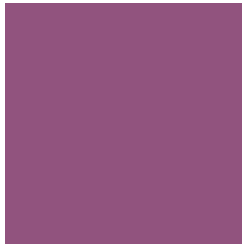
12.0242, 5.9667, 11.0444



0.1248, 0.0610, 0.1575

Previews

White Background



This preview shows how the XYZ color 18.5362, 13.7126, 21.4085 looks on a white background.

Color Contrast Check

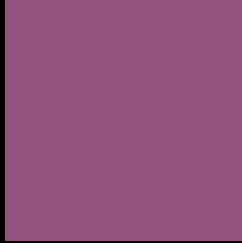
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.5362, 13.7126, 21.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

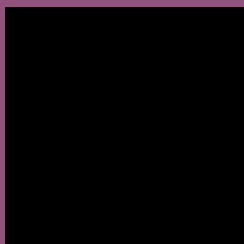
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.5362, 13.7126, 21.4085

Background



This preview shows how black text looks on a background with the XYZ color 18.5362, 13.7126, 21.4085.



This preview shows how white text looks on a background with the XYZ color 18.5362, 13.7126,

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

18.5362, 13.7126, 21.4085

Protanopia

14.0981, 13.9211, 26.7549

Deuteranopia

14.1522, 13.9361, 20.6829



Tritanopia

16.8390, 13.7401, 12.8309

Trichromacy



Original Color

18.5362, 13.7126, 21.4085

Protanomaly

15.2381, 13.5598, 24.7358

Deuteranomaly

15.4760, 13.6327, 20.8845

Tritanomaly

17.3897, 13.7176, 15.6411

Monochromacy



Original Color

18.5362, 13.7126, 21.4085

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.0940, 13.9207, 17.5142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5362, 13.7126, 21.4085 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(145, 83, 126)` looks like.

```
.text, #text, p{  
    color:rgb(145, 83, 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(145, 83, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 83, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.5362, 13.7126, 21.4085 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(145, 83, 126) }
```


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

```
.border{ border-color:rgb(145, 83, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 83, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 83, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 83, 126);  
box-shadow:4px 4px 4px 4px rgb(145, 83,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5362, 13.7126, 21.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 83, 126) }
```

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

```
.background{ background-color: rgb(145, 83,  
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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