

Converting Colors

XYZ(21.3870, 13.8750, 26.4565)

Have a look what the booklet for
XYZ(21.3870, 13.8750, 26.4565)
contains.

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Color

**XYZ(21.3491, 13.8991,
26.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	9F488C
RGB	159, 72, 140
RGB Percent	62%, 28%, 55%
CMY	0.3765, 0.7176, 0.4510
CMYK	0.00, 0.55, 0.12, 0.38
HSL	313°, 38%, 45%
HSV	313°, 55%, 62%
XYZ	21.3491, 13.8991, 26.3685
YIQ	105.7650, 30.0240, 39.5920

Conversions

Conversions Part 2

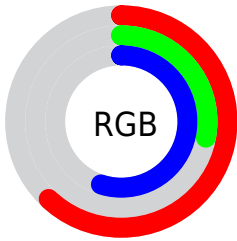
Format	Color
R_{YB}	159, 72, 140
Decimal	10438796
CIE _{Lab}	44.09, 44.94, -21.06
CIE _{LCh}	44, 49.629, 334.886
Yxy	13.8991, 0.3465, 0.2256
Android (android.graphics.Color)	4288628876 (0xFF9F488C)
YUV	105.7650, 16.8779, 46.6871
Hunter-Lab	37.2815, 36.9747, -15.8377

Details

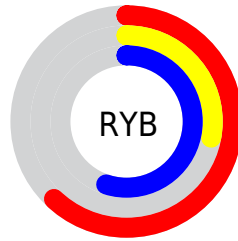
The XYZ color **21.3491, 13.8991, 26.3685** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.9596, 26.9299, 14.2027**, and the grayscale version is **13.5854, 14.2929, 15.5650**.

A 20% lighter version of the original color is **45.2642, 32.9093, 55.0054**, and **7.8716, 4.1423, 10.0575** is the 20% darker color. If you saturate the color by 10%, you get **20.1990, 12.0021, 24.7417**, and if you desaturate by 10%, it is **22.7740, 16.3323, 28.1270**.

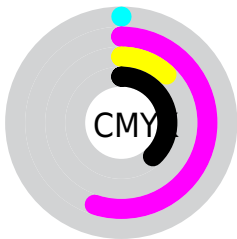
Distribution



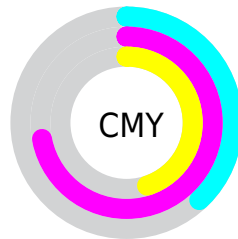
- Red (62%)
- Green (28%)
- Blue (55%)



- Red (62%)
- Yellow (28%)
- Blue (55%)



- Cyan (0%)
- Magenta (55%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (72%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3491, 13.8991, 26.3685 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 21.3491, 13.8991, 26.3685 by changing the saturation by 10% instead.

21.3491, 13.8991,
26.3685

21.3491, 13.8991,
26.3685

251.8247,
216.6022, 298.2492

13.4933, 8.0505,
16.8713

45.1547, 32.9099,
54.8602

7.8485, 4.1273,
9.9818

61.8353, 46.8409,
74.6918

4.0491, 1.7450,
5.2814

82.1882, 64.2348,
98.8052

1.7300, 0.4526,
2.3517

106.5787, 85.4761,
127.6190

0.4749, 0.0000,
0.7600

135.3723,
110.9490, 161.5518

0.0000, 0.0000,
0.0000

168.9343,

141.0381, 201.0221

207.6300,
176.1277, 246.4483

■ 21.3491, 13.8991,
26.3685

■ 21.3491, 13.8991,
26.3685

■ 20.1990, 12.0021,
24.7417

■ 22.7740, 16.3323,
28.1270

■ 19.3014, 10.5974,
23.2385

■ 24.4911, 19.3372,
30.0231

■ 18.6325, 9.6374,
21.8506

■ 26.5180, 22.9485,
32.0630

■ 18.1625, 9.0627,
20.5678

■ 28.8705, 27.1976,
34.2523

■ 17.9537, 8.8332,
19.9186

■ 31.5632, 32.1138,
36.5964

■ 34.6098, 37.7244,
39.1000

■ 38.0235, 44.0554,
41.7680

■ 41.8164, 51.1313,
44.6046

■ 46.0004, 58.9754,
47.6142

Harmonies

Analogous

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



18.0476, 13.8991, 40.9035



21.3491, 13.8991, 26.3685



22.3139, 13.8991, 13.3558

Triad

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



21.3491, 13.8991, 26.3685



12.5743, 13.8991, 2.1612



7.9091, 13.8991, 31.2929

Complementary

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



21.3491, 13.8991, 26.3685



16.9596, 26.9299, 14.2027

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.



6.9967, 13.8991, 17.0629



21.3491, 13.8991, 26.3685



9.3258, 13.8991, 3.3854

Square

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



21.3491, 13.8991, 26.3685



16.7030, 13.8991, 2.7475



7.4584, 13.8991, 7.6525



10.2426, 13.8991, 44.6044

Rectangle

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



21.3491, 13.8991, 26.3685



21.3667, 13.8991, 7.7023



7.4584, 13.8991, 7.6525



7.4497, 13.8991, 26.2554

Sweetspot

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



21.3496, 13.8998, 26.3688



50.9940, 47.4197, 60.7005



12.8757, 9.3552, 33.9284



11.3073, 10.3479, 13.5117



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.3496, 13.8998, 26.3688



35.7245, 20.7749, 43.6053



18.7574, 12.8629, 12.7188



6.8421, 6.7298, 8.0196



14.1961, 6.9830, 15.8158



0.2680, 0.1305, 0.3576

Inverse Universe

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



21.3496, 13.8998, 26.3688



35.7245, 20.7749, 43.6053



19.3988, 27.9055, 27.0470



6.8421, 6.7298, 8.0196



14.1961, 6.9830, 15.8158



0.2680, 0.1305, 0.3576

Previews

White Background



This preview shows how the XYZ color 21.3491, 13.8991, 26.3685 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

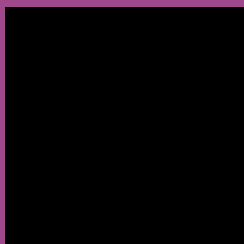
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.3491, 13.8991, 26.3685

Background



This preview shows how black text looks on a background with the XYZ color 21.3491, 13.8991, 26.3685.



This preview shows how white text looks on a background with the XYZ color 21.3491, 13.8991,

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

21.3491, 13.8991, 26.3685

Protanopia

15.1215, 14.2109, 37.5433

Deuteranopia

14.3690, 14.1024, 24.8864



Tritanopia

18.3422, 13.9489, 11.3985

Trichromacy



Original Color

21.3491, 13.8991, 26.3685

Protanomaly

16.2583, 13.3696, 33.1762

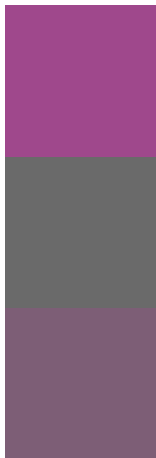
Deuteranomaly

16.2277, 13.5254, 25.4223

Tritanomaly

19.2857, 13.8880, 15.8515

Monochromacy



Original Color

21.3491, 13.8991, 26.3685

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.7302, 13.6734, 18.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3491, 13.8991, 26.3685 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(159, 72, 140)` looks like.

```
.text, #text, p{  
    color:rgb(159, 72, 140)  
}
```

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(159, 72, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 72, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.3491, 13.8991, 26.3685 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(159, 72, 140) }
```


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

```
.border{ border-color:rgb(159, 72, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 72, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 72, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 72, 140); box-shadow:4px 4px 4px 4px rgb(159, 72, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3491, 13.8991, 26.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 72, 140) }
```

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

```
.background{ background-color: rgb(159, 72,  
140) }
```

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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