

Converting Colors

XYZ(21.0827, 15.6985, 29.8373)

Have a look what the booklet for
XYZ(21.0827, 15.6985, 29.8373)
contains.

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Color

**XYZ(21.0341, 15.6535,
29.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	935A94
RGB	147, 90, 148
RGB Percent	58%, 35%, 58%
CMY	0.4235, 0.6470, 0.4196
CMYK	0.01, 0.39, 0.00, 0.42
HSL	299°, 24%, 47%
HSV	299°, 39%, 58%
XYZ	21.0341, 15.6535, 29.9298
YIQ	113.6550, 15.3540, 30.1220

Conversions

Conversions Part 2

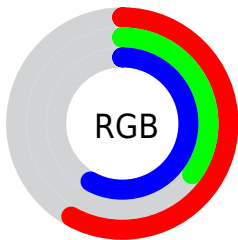
Format	Color
R_{YB}	147, 90, 148
Decimal	9656980
CIE _{Lab}	46.52, 32.97, -22.25
CIE _{LCh}	47, 39.775, 325.980
Yxy	15.6535, 0.3157, 0.2350
Android (android.graphics.Color)	4287847060 (0xFF935A94)
YUV	113.6550, 16.9321, 29.2436
Hunter-Lab	39.5645, 25.6600, -17.1566

Details

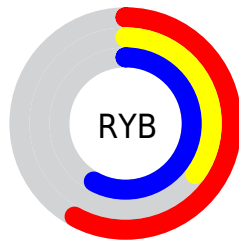
The XYZ color **21.0341, 15.6535, 29.9298** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.7503, 24.1425, 13.4508**, and the grayscale version is **15.8393, 16.6641, 18.1472**.

A 20% lighter version of the original color is **44.5427, 35.8706, 60.4532**, and **7.7049, 4.9519, 11.8590** is the 20% darker color. If you saturate the color by 10%, you get **19.8624, 13.3775, 29.5525**, and if you desaturate by 10%, it is **22.4555, 18.4281, 30.3907**.

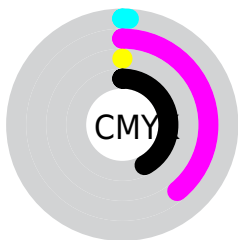
Distribution



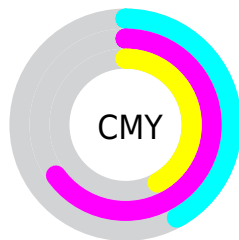
- Red (58%)
- Green (35%)
- Blue (58%)



- Red (58%)
- Yellow (35%)
- Blue (58%)



- Cyan (1%)
- Magenta (39%)
- Yellow (0%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0341, 15.6535, 29.9298 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 21.0341, 15.6535, 29.9298 by changing the saturation by 10% instead.

■ 21.0341, 15.6535,
29.9298

■ 21.0341, 15.6535,
29.9298

250.1879,
227.2883, 315.7742

■ 13.2615, 9.2793,
19.5337

■ 44.6351, 35.9956,
60.6108

■ 7.6871, 4.9238,
11.8759

■ 61.1943, 50.7323,
81.7329

■ 3.9455, 2.2026,
6.5377

■ 81.4130, 69.0253,
107.2673

■ 1.6714, 0.7214,
3.1007

■ 105.6567, 91.2590,
137.6326

■ 0.4382, 0.0000,
1.1463

134.2907,
117.8177, 173.2475

■ 0.0000, 0.0000,
0.0000

167.6803,

149.0859, 214.5303

206.1910,
185.4480, 261.8997

■ 21.0341, 15.6535,
29.9298

■ 21.0341, 15.6535,
29.9298

■ 19.8624, 13.3775,
29.5525

■ 22.4555, 18.4281,
30.3907

■ 18.9239, 11.5684,
29.2527

■ 24.1387, 21.7263,
30.9386

■ 18.2030, 10.1939,
29.0254

■ 26.0968, 25.5742,
31.5781

■ 17.6809, 9.2171,
28.8644

■ 28.3416, 29.9954,
32.3131

■ 17.3361, 8.5947,
28.7624

■ 30.8843, 35.0121,
33.1475

■ 17.1186, 8.2269,
28.7029

■ 33.7352, 40.6453,
34.0845

■ 17.1019, 8.1988,
28.6984

■ 36.9046, 46.9151,
35.1277

■ 40.4018, 53.8406,
36.2801

■ 44.2362, 61.4400,
37.5448

Harmonies

Analogous

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



17.9549, 15.6535, 40.2541



21.0341, 15.6535, 29.9298



22.4654, 15.6535, 18.4012

Triad

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



21.0341, 15.6535, 29.9298



15.3448, 15.6535, 4.3004



9.7068, 15.6535, 26.7175

Complementary

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



21.0341, 15.6535, 29.9298



16.7503, 24.1425, 13.4508

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.



9.2263, 15.6535, 15.7552



21.0341, 15.6535, 29.9298



12.1747, 15.6535, 5.0868

Square

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



21.0341, 15.6535, 29.9298



18.8769, 15.6535, 5.7007



10.0584, 15.6535, 8.5170



11.4882, 15.6535, 37.9536

Rectangle

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



21.0341, 15.6535, 29.9298



22.1531, 15.6535, 12.3593



10.0584, 15.6535, 8.5170



9.4008, 15.6535, 22.7841

Sweetspot

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



21.0346, 15.6542, 29.9301



44.9389, 42.9463, 55.3555



13.3838, 11.9553, 29.6194



10.1662, 9.6220, 12.6063



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.0346, 15.6542, 29.9301



35.2810, 24.0592, 52.2190



19.3165, 14.9877, 19.9432



6.0255, 5.9042, 7.2918



14.6101, 7.0044, 24.5130



0.1814, 0.0870, 0.3001

Inverse Universe

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



17.7578, 14.3642, 11.7348



28.6815, 21.4642, 15.4400



18.0217, 24.6398, 20.6569



5.8046, 5.8169, 6.0772



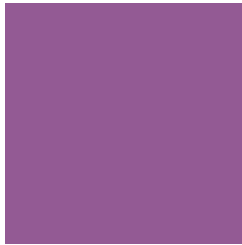
10.4447, 5.3829, 0.5567



0.1286, 0.0662, 0.0110

Previews

White Background



This preview shows how the XYZ color 21.0341, 15.6535, 29.9298 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 21.0341, 15.6535, 29.9298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

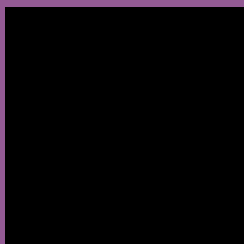
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0341, 15.6535, 29.9298

Background



This preview shows how black text looks on a background with the XYZ color 21.0341, 15.6535, 29.9298.



This preview shows how white text looks on a background with the XYZ color 21.0341, 15.6535,

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

21.0341, 15.6535, 29.9298

Protanopia

16.5937, 15.9088, 36.8465

Deuteranopia

16.1730, 15.8652, 28.9979



Tritanopia

18.2187, 15.7151, 15.7088

Trichromacy



Original Color

21.0341, 15.6535, 29.9298

Protanomaly

17.7330, 15.4821, 34.4015

Deuteranomaly

17.5474, 15.5000, 29.2611

Tritanomaly

19.1357, 15.6755, 20.1063

Monochromacy



Original Color

21.0341, 15.6535, 29.9298

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.4217, 16.0451, 21.9175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0341, 15.6535, 29.9298 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(147, 90, 148)` looks like.

```
.text, #text, p{  
    color:rgb(147, 90, 148)  
}
```

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(147, 90, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 90, 148) }
```

Border

The CSS property to change the border of an element to XYZ 21.0341, 15.6535, 29.9298 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(147, 90, 148) }
```


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

```
.border{ border-color:rgb(147, 90, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 90, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 90, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 90, 148); box-shadow:4px 4px 4px 4px rgb(147, 90, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0341, 15.6535, 29.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 90, 148) }
```

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

```
.background{ background-color: rgb(147, 90,  
148) }
```

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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