

Converting Colors

XYZ(20.6641, 13.6795, 29.1551)

Have a look what the booklet for
XYZ(20.6641, 13.6795, 29.1551)
contains.

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Color

**XYZ(20.6641, 13.6795,
29.1551)**

Conversions

Conversions Part 1

Format	Color
Hex	984A93
RGB	152, 74, 147
RGB Percent	60%, 29%, 58%
CMY	0.4039, 0.7098, 0.4235
CMYK	0.00, 0.51, 0.03, 0.40
HSL	304°, 35%, 44%
HSV	304°, 51%, 60%
XYZ	20.6641, 13.6795, 29.1551
YIQ	105.6440, 23.0550, 39.2390

Conversions

Conversions Part 2

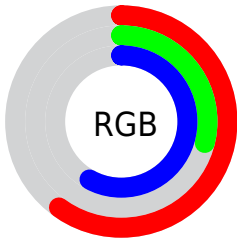
Format	Color
R_{YB}	152, 74, 147
Decimal	9980563
CIE _{Lab}	43.77, 43.02, -25.86
CIE _{LCh}	44, 50.195, 328.994
Yxy	13.6795, 0.3254, 0.2154
Android (android.graphics.Color)	4288170643 (0xFF984A93)
YUV	105.6440, 20.3885, 40.6542
Hunter-Lab	36.9858, 35.0034, -20.8469

Details

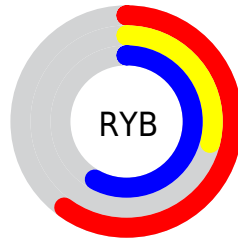
The XYZ color **20.6641, 13.6795, 29.1551** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **15.4641, 24.4773, 11.3074**, and the grayscale version is **13.5445, 14.2498, 15.5181**.

A 20% lighter version of the original color is **44.0159, 32.5487, 59.2210**, and **7.5251, 4.0335, 11.4483** is the 20% darker color. If you saturate the color by 10%, you get **19.6933, 11.8594, 28.4559**, and if you desaturate by 10%, it is **21.8817, 15.9915, 29.9400**.

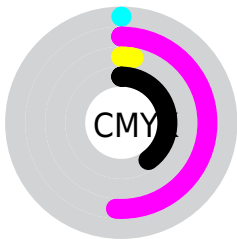
Distribution



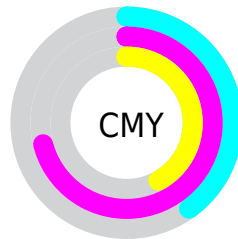
- Red (60%)
- Green (29%)
- Blue (58%)



- Red (60%)
- Yellow (29%)
- Blue (58%)



- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (40%)



- Cyan (40%)
- Magenta (71%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6641, 13.6795, 29.1551 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 20.6641, 13.6795, 29.1551 by changing the saturation by 10% instead.

■ 20.6641, 13.6795,
29.1551

■ 20.6641, 13.6795,
29.1551

248.2536,
215.2278, 312.0299

■ 12.9898, 7.8981,
18.9516

■ 44.0233, 32.5193,
59.3685

■ 7.4984, 4.0298,
11.4588

■ 60.4389, 46.3464,
80.2156

■ 3.8248, 1.6903,
6.2583

■ 80.4990, 63.6242,
105.4475

■ 1.6035, 0.4173,
2.9315

■ 104.5688, 84.7372,
135.4829

■ 0.3947, 0.0000,
1.0597

■ 133.0139,
110.0696, 170.7403

■ 0.0000, 0.0000,
0.0000

166.1995,

140.0059, 211.6382

204.4909,
174.9305, 258.5952

■ 20.6641, 13.6795,
29.1551

■ 20.6641, 13.6795,
29.1551

■ 19.6933, 11.8594,
28.4559

■ 21.8817, 15.9915,
29.9400

■ 18.9498, 10.4934,
27.8356

■ 23.3609, 18.8259,
30.8151

■ 18.4139, 9.5412,
27.2876

■ 25.1169, 22.2129,
31.7858

■ 18.0613, 8.9548,
26.8040

■ 27.1633, 26.1798,
32.8564

■ 17.8508, 8.6362,
26.4183

■ 29.5131, 30.7523,
34.0314

■ 32.1782, 35.9543,
35.3148

■ 35.1699, 41.8086,
36.7102

■ 38.4991, 48.3367,
38.2214

■ 42.1761, 55.5594,
39.8518

Harmonies

Analogous

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



17.0445, 13.6795, 43.1946



20.6641, 13.6795, 29.1551



22.1769, 13.6795, 15.2802

Triad

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



20.6641, 13.6795, 29.1551



13.1359, 13.6795, 2.0107



7.4231, 13.6795, 28.1313

Complementary

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



20.6641, 13.6795, 29.1551



15.4641, 24.4773, 11.3074

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.



6.7875, 13.6795, 14.5157



20.6641, 13.6795, 29.1551



9.6552, 13.6795, 2.8162

Square

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



20.6641, 13.6795, 29.1551



17.3229, 13.6795, 2.9440



7.5154, 13.6795, 6.2607



9.4669, 13.6795, 42.4219

Rectangle

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



20.6641, 13.6795, 29.1551



21.5931, 13.6795, 8.8746



7.5154, 13.6795, 6.2607



7.0585, 13.6795, 23.1607

Sweetspot

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



20.6646, 13.6801, 29.1554



46.4456, 43.2985, 57.2208



11.2506, 8.7807, 30.8080



10.3972, 9.5324, 12.9222



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.6646, 13.6801, 29.1554



34.4821, 20.4170, 50.0095



18.1639, 12.6799, 15.9870



6.4441, 6.3168, 7.7188



14.9717, 7.2429, 22.1738



0.2283, 0.1101, 0.3549

Inverse Universe

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



20.6646, 13.6801, 29.1554



34.4821, 20.4170, 50.0095



17.2578, 25.1948, 20.7529



6.4441, 6.3168, 7.7188



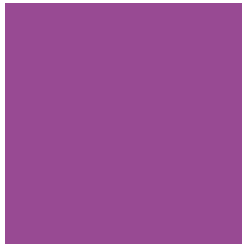
14.9717, 7.2429, 22.1738



0.2283, 0.1101, 0.3549

Previews

White Background



This preview shows how the XYZ color 20.6641, 13.6795, 29.1551 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 20.6641, 13.6795, 29.1551 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 20.6641, 13.6795, 29.1551

Background



This preview shows how black text looks on a background with the XYZ color 20.6641, 13.6795, 29.1551.



This preview shows how white text looks on a background with the XYZ color 20.6641, 13.6795,

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

20.6641, 13.6795, 29.1551

Protanopia

15.0676, 13.9828, 39.9350

Deuteranopia

14.1464, 13.9288, 27.5341



Tritanopia

17.2380, 13.7177, 12.0952

Trichromacy



Original Color

20.6641, 13.6795, 29.1551

Protanomaly

16.0577, 13.2060, 35.8851

Deuteranomaly

15.8006, 13.2453, 28.1094

Tritanomaly

18.2107, 13.5227, 17.2731

Monochromacy



Original Color

20.6641, 13.6795, 29.1551

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.6223, 13.5968, 19.8902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6641, 13.6795, 29.1551 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(152, 74, 147)` looks like.

```
.text, #text, p{  
    color:rgb(152, 74, 147)  
}
```

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(152, 74, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 74, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.6641, 13.6795, 29.1551 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(152, 74, 147) }
```


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

```
.border{ border-color:rgb(152, 74, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 74, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 74, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 74, 147);  
box-shadow:4px 4px 4px 4px rgb(152, 74,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6641, 13.6795, 29.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 74, 147) }
```

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

```
.background{ background-color: rgb(152, 74,  
147) }
```

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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