

Converting Colors

XYZ(31.0525, 27.1283, 45.7191)

Have a look what the booklet for
XYZ(31.0525, 27.1283, 45.7191)
contains.

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Color

**XYZ(31.0525, 27.1283,
45.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	A283B2
RGB	162, 131, 178
RGB Percent	64%, 51%, 70%
CMY	0.3647, 0.4863, 0.3020
CMYK	0.09, 0.26, 0.00, 0.30
HSL	280°, 23%, 61%
HSV	280°, 26%, 70%
XYZ	31.0525, 27.1283, 45.7191
YIQ	145.6270, 3.3890, 21.1890

Conversions

Conversions Part 2

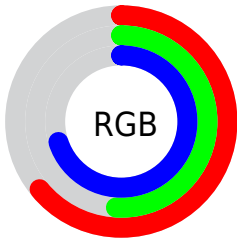
Format	Color
R_{YB}	162, 131, 178
Decimal	10650546
CIE _{Lab}	59.09, 20.69, -20.29
CIE _{LCh}	59, 28.983, 315.556
Yxy	27.1283, 0.2989, 0.2611
Android (android.graphics.Color)	4288840626 (0xFFA283B2)
YUV	145.6270, 15.9599, 14.3591
Hunter-Lab	52.0848, 15.2716, -15.5843

Details

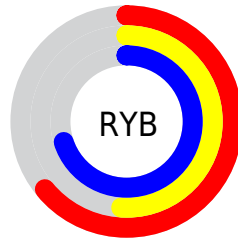
The XYZ color **31.0525, 27.1283, 45.7191** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.0505, 39.6831, 27.4443**, and the grayscale version is **27.1056, 28.5172, 31.0553**.

A 20% lighter version of the original color is **60.6070, 54.9732, 85.2585**, and **13.0745, 10.6805, 20.7745** is the 20% darker color. If you saturate the color by 10%, you get **27.6629, 22.1322, 44.9338**, and if you desaturate by 10%, it is **34.9138, 32.9787, 46.6452**.

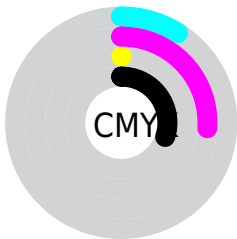
Distribution



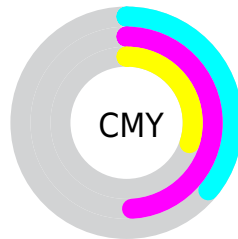
- Red (64%)
- Green (51%)
- Blue (70%)



- Red (64%)
- Yellow (51%)
- Blue (70%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0525, 27.1283, 45.7191 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 31.0525, 27.1283, 45.7191 by changing the saturation by 10% instead.

31.0525, 27.1283,
45.7191

31.0525, 27.1283,
45.7191

298.6027,
288.2778, 385.9229

20.7909, 17.6696,
31.6772

60.6980, 55.0897,
85.1283

13.0828, 10.7130,
20.8522

80.8126, 74.3612,
111.3326

7.5630, 5.8742,
12.8259

104.9421, 97.6723,
142.4282

3.8660, 2.7687,
7.1794

133.4521,
125.4076, 178.8335

1.6266, 1.0122,
3.4944

166.7077,
157.9514, 220.9670

0.4097, 0.0000,
1.3523

205.0745,

0.0000, 0.0000,

195.6881, 269.2474

0.1041

248.9177,
239.0021, 324.0932

■ 0.0000, 0.0000,
0.0000

■ 31.0525, 27.1283,
45.7191

■ 31.0525, 27.1283,
45.7191

■ 27.6629, 22.1322,
44.9338

■ 34.9138, 32.9787,
46.6452

■ 24.7207, 17.9445,
44.2806

■ 39.2646, 39.7193,
47.7170

■ 22.2030, 14.5203,
43.7524

■ 44.1248, 47.3882,
48.9411

■ 20.0837, 11.8086,
43.3406

■ 49.5123, 56.0203,
50.3233

■ 18.3335, 9.7522,
43.0360

■ 55.4443, 65.6483,
51.8690

■ 16.9187, 8.2847,
42.8273

■ 61.9369, 76.3039,
53.5836

■ 15.7938, 7.3168,
42.6997

■ 68.8127, 87.6310,
55.4075

■ 15.4267, 7.0244,
42.6627

■ 70.5106, 88.5063,
55.4870

■ 72.2740, 89.4153,
55.5695

Harmonies

Analogous

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



27.6871, 27.1283, 53.0658



31.0525, 27.1283, 45.7191



33.0906, 27.1283, 34.7676

Triad

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



31.0525, 27.1283, 45.7191



27.5512, 27.1283, 14.1917



19.6710, 27.1283, 35.1836

Complementary

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



31.0525, 27.1283, 45.7191



32.0505, 39.6831, 27.4443

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.



19.6419, 27.1283, 24.8612



31.0525, 27.1283, 45.7191



23.9714, 27.1283, 14.2529

Square

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



31.0525, 27.1283, 45.7191



30.9451, 27.1283, 17.5188



21.1490, 27.1283, 17.7115



21.2324, 27.1283, 46.0842

Rectangle

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



31.0525, 27.1283, 45.7191



33.3112, 27.1283, 27.6589



21.1490, 27.1283, 17.7115



19.4869, 27.1283, 31.5005

Sweetspot

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



31.0534, 27.1294, 45.7197



69.7688, 69.7876, 86.1743



27.9008, 29.0484, 46.2562



15.1880, 15.0422, 19.0252



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



31.0534, 27.1294, 45.7197



52.4327, 43.4451, 82.0034



33.8230, 28.6370, 42.2485



8.5635, 8.4990, 10.6955



11.1071, 5.0617, 30.5286



0.4089, 0.1899, 0.9633

Inverse Universe

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



31.7437, 27.8052, 31.2986



54.0415, 44.9696, 50.6710



29.8724, 38.5032, 29.9223



8.6118, 8.5514, 9.4540



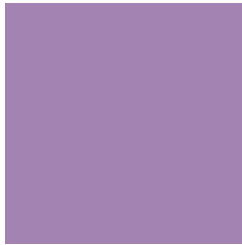
13.7586, 7.0210, 3.8888



0.4609, 0.2321, 0.2698

Previews

White Background



This preview shows how the XYZ color 31.0525, 27.1283, 45.7191 looks on a white background.

Color Contrast Check

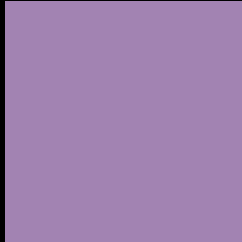
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0525, 27.1283, 45.7191 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 31.0525, 27.1283, 45.7191

Background



This preview shows how black text looks on a background with the XYZ color 31.0525, 27.1283, 45.7191.



This preview shows how white text looks on a background with the XYZ color 31.0525, 27.1283,

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

31.0525, 27.1283, 45.7191

Protanopia

27.6419, 27.3778, 49.7265

Deuteranopia

27.7166, 27.0888, 44.8421



Tritanopia

28.1167, 27.1660, 31.3654

Trichromacy



Original Color

31.0525, 27.1283, 45.7191

Protanomaly

28.5445, 27.0195, 47.9668

Deuteranomaly

28.7726, 26.9857, 45.2873

Tritanomaly

29.1336, 27.1675, 36.0561

Monochromacy



Original Color

31.0525, 27.1283, 45.7191

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.6453, 28.1938, 36.2799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0525, 27.1283, 45.7191 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(162, 131, 178)` looks like.

```
.text, #text, p{  
    color:rgb(162, 131, 178)  
}
```

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(162, 131, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 131, 178) }
```

Border

The CSS property to change the border of an element to XYZ 31.0525, 27.1283, 45.7191 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(162, 131, 178) }
```


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

```
.border{ border-color:rgb(162, 131, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 131, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 131, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 131, 178);  
box-shadow:4px 4px 4px 4px rgb(162, 131,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0525, 27.1283, 45.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 131, 178) }
```

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

```
.background{ background-color: rgb(162,  
131, 178) }
```

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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