

Converting Colors

XYZ(27.6707, 32.2194, 49.1365)

Have a look what the booklet for
XYZ(27.6707, 32.2194, 49.1365)
contains.

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Color

**XYZ(27.6188, 32.1821,
49.0121)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA1B6
RGB	110, 161, 182
RGB Percent	43%, 63%, 71%
CMY	0.5686, 0.3686, 0.2863
CMYK	0.40, 0.12, 0.00, 0.29
HSL	197°, 33%, 57%
HSV	197°, 40%, 71%
XYZ	27.6188, 32.1821, 49.0121
YIQ	148.1450, -37.1370, -4.2810

Conversions

Conversions Part 2

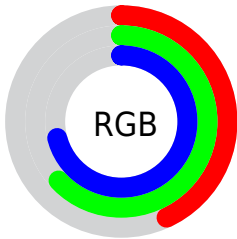
Format	Color
R_{YB}	110, 140, 182
Decimal	7250358
CIE _{Lab}	63.49, -11.47, -16.22
CIE _{LCh}	63, 19.864, 234.742
Yxy	32.1821, 0.2538, 0.2958
Android (android.graphics.Color)	4285440438 (0xFF6EA1B6)
YUV	148.1450, 16.6905, -33.4532
Hunter-Lab	56.7293, -12.3730, -11.5140

Details

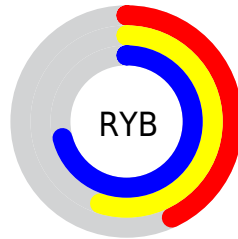
The XYZ color **27.6188, 32.1821, 49.0121** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.2229, 27.3042, 18.4302**, and the grayscale version is **28.1533, 29.6194, 32.2556**.

A 20% lighter version of the original color is **55.2983, 63.1773, 90.1688**, and **11.1184, 13.3921, 22.7678** is the 20% darker color. If you saturate the color by 10%, you get **24.6749, 29.3172, 48.6148**, and if you desaturate by 10%, it is **31.0692, 35.3680, 49.4458**.

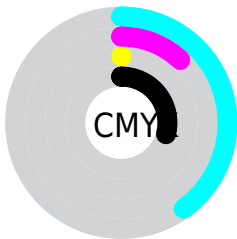
Distribution



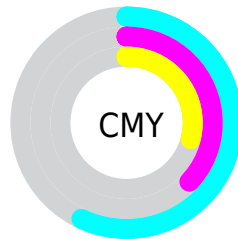
- Red (43%)
- Green (63%)
- Blue (71%)



- Red (43%)
- Yellow (55%)
- Blue (71%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (57%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6188, 32.1821, 49.0121 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 27.6188, 32.1821, 49.0121 by changing the saturation by 10% instead.

■ 27.6188, 32.1821,
49.0121

■ 27.6188, 32.1821,
49.0121

282.7541,
311.9479, 399.4138

■ 18.1775, 21.5006,
34.2634

■ 55.2882, 63.0965,
90.0906

■ 11.1779, 13.4904,
22.8170

■ 74.2469, 84.0981,
117.2575

■ 6.2548, 7.7671,
14.2544

■ 97.1089, 109.3087,
149.4009

■ 3.0428, 3.9463,
8.1571

■ 124.2394,
139.1124, 186.9392

■ 1.1764, 1.6436,
4.1064

156.0038,
173.8939, 230.2912

■ 0.0876, 0.3867,
1.6839

192.7675,

■ 0.0000, 0.0000,

214.0373, 279.8752

0.3497

234.8958,
259.9272, 336.1099

■ 0.0000, 0.0000,
0.0000

■ 27.6188, 32.1821,
49.0121

■ 27.6188, 32.1821,
49.0121

■ 24.6749, 29.3172,
48.6148

■ 31.0692, 35.3680,
49.4458

■ 22.2053, 26.7538,
48.2502

■ 35.0497, 38.8857,
49.9149

■ 20.1787, 24.4758,
47.9173

■ 39.5861, 42.7499,
50.4217

■ 18.5584, 22.4636,
47.6143

■ 44.7016, 46.9731,
50.9672

■ 17.3013, 20.6941,
47.3390

■ 50.4179, 51.5672,
51.5527

■ 16.3242, 19.1237,
47.0874

■ 56.7557, 56.5435,
52.1792

■ 16.2833, 19.0568,
47.0767

■ 63.7344, 61.9129,
52.8478

■ 71.1502, 67.5706,
53.5490

■ 72.4292, 70.1285,
53.9753

Harmonies

Analogous

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



26.0065, 32.1821, 41.8121



27.6188, 32.1821, 49.0121



30.1032, 32.1821, 52.5074

Triad

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



27.6188, 32.1821, 49.0121



36.1973, 32.1821, 36.4557



28.4152, 32.1821, 22.9452

Complementary

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



27.6188, 32.1821, 49.0121



30.2229, 27.3042, 18.4302

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.



31.0782, 32.1821, 21.9535



27.6188, 32.1821, 49.0121



35.6785, 32.1821, 29.0432

Square

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



27.6188, 32.1821, 49.0121



35.1410, 32.1821, 44.5921



33.7630, 32.1821, 24.0142



26.4465, 32.1821, 26.9612

Rectangle

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



27.6188, 32.1821, 49.0121



31.9619, 32.1821, 51.9366



33.7630, 32.1821, 24.0142



29.2543, 32.1821, 22.2754

Sweetspot

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



27.6198, 32.1833, 49.0129



69.4933, 75.5893, 91.1632



27.2154, 38.3941, 27.2376



15.1085, 16.4917, 20.1085



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.6198, 32.1833, 49.0129



45.6122, 54.0268, 88.2599



22.2847, 21.5131, 47.2345



9.0395, 9.7562, 11.4861



11.5584, 13.5765, 33.2644



0.4581, 0.5798, 1.1895

Inverse Universe

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



31.3012, 23.6712, 36.6387



53.3726, 37.2633, 61.9108



35.8157, 38.4898, 20.2945



9.2663, 9.1169, 10.7496



16.4478, 8.1529, 15.5109



0.6054, 0.2976, 0.6813

Previews

White Background



This preview shows how the XYZ color 27.6188, 32.1821, 49.0121 looks on a white background.

Color Contrast Check

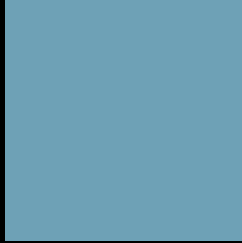
Large Text (above 18pt) WCAG AA × Fail

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 27.6188, 32.1821, 49.0121 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 ✓ Pass

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

XYZ 27.6188, 32.1821, 49.0121

Background



This preview shows how black text looks on a background with the XYZ color 27.6188, 32.1821, 49.0121.



This preview shows how white text looks on a background with the XYZ color 27.6188, 32.1821,

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

27.6188, 32.1821, 49.0121

Protanopia

31.4591, 31.9806, 45.5891

Deuteranopia

32.6949, 32.0457, 49.8096



Tritanopia

26.8425, 32.1240, 45.3432

Trichromacy



Original Color

27.6188, 32.1821, 49.0121

Protanomaly

29.7489, 31.8079, 46.6911

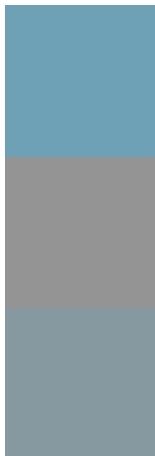
Deuteranomaly

30.4194, 31.8485, 49.3438

Tritanomaly

27.2629, 32.3062, 46.9183

Monochromacy



Original Color

27.6188, 32.1821, 49.0121

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5679, 30.3889, 37.6704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6188, 32.1821, 49.0121 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(110, 161, 182)` looks like.

```
.text, #text, p{  
    color:rgb(110, 161, 182)  
}
```

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(110, 161, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 161, 182) }
```

Border

The CSS property to change the border of an element to XYZ 27.6188, 32.1821, 49.0121 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(110, 161, 182) }
```


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

```
.border{ border-color:rgb(110, 161, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 161, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 161, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 161, 182);  
box-shadow:4px 4px 4px 4px rgb(110, 161,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6188, 32.1821, 49.0121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 161, 182) }
```

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

```
.background{ background-color: rgb(110,  
161, 182) }
```

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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