

Converting Colors

XYZ(27.0924, 32.0911, 51.3043)

Have a look what the booklet for
XYZ(27.0924, 32.0911, 51.3043)
contains.

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Color

**XYZ(27.1501, 32.1525,
51.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	65A2BA
RGB	101, 162, 186
RGB Percent	40%, 64%, 73%
CMY	0.6039, 0.3647, 0.2706
CMYK	0.46, 0.13, 0.00, 0.27
HSL	197°, 38%, 56%
HSV	197°, 46%, 73%
XYZ	27.1501, 32.1525, 51.2295
YIQ	146.4970, -44.0600, -5.4680

Conversions

Conversions Part 2

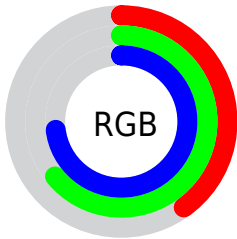
Format	Color
RYB	101, 137, 186
Decimal	6660794
CIELab	63.47, -13.25, -18.54
CIElCh	63, 22.785, 234.456
Yxy	32.1525, 0.2456, 0.2909
Android (android.graphics.Color)	4284850874 (0xFF65A2BA)
YUV	146.4970, 19.4750, -39.9009
Hunter-Lab	56.7032, -13.7628, -13.8744

Details

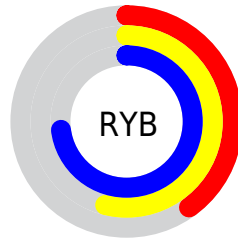
The XYZ color **27.1501, 32.1525, 51.2295** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9331, 26.0468, 15.7629**, and the grayscale version is **27.4620, 28.8921, 31.4635**.

A 20% lighter version of the original color is **54.5502, 63.1044, 93.3097**, and **10.8918, 13.4032, 24.2033** is the 20% darker color. If you saturate the color by 10%, you get **24.3928, 29.3870, 50.8416**, and if you desaturate by 10%, it is **30.4193, 35.2407, 51.6539**.

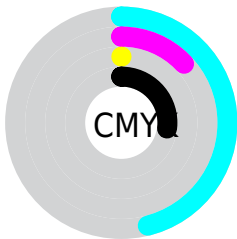
Distribution



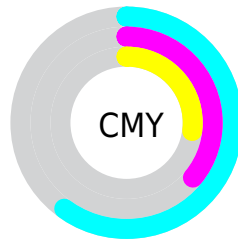
- Red (40%)
- Green (64%)
- Blue (73%)



- Red (40%)
- Yellow (54%)
- Blue (73%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1501, 32.1525, 51.2295 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 27.1501, 32.1525, 51.2295 by changing the saturation by 10% instead.

■ 27.1501, 32.1525,
51.2295

■ 27.1501, 32.1525,
51.2295

280.5375,
311.8134, 408.3268

■ 17.8232, 21.4780,
36.0133

■ 54.5428, 63.0501,
93.4089

■ 10.9220, 13.4739,
24.1547

■ 73.3393, 84.0420,
121.2092

■ 6.0813, 7.7556,
15.2351

■ 96.0230, 109.2418,
154.0412

■ 2.9357, 3.9390,
8.8361

■ 122.9593,
139.0339, 192.3235

■ 1.1199, 1.6395,
4.5391

154.5136,
173.8027, 236.4747

■ 0.0416, 0.3840,
1.9255

191.0511,

■ 0.0000, 0.0000,

213.9326, 286.9133

0.5089

232.9373,
259.8080, 344.0578

■ 0.0000, 0.0000,
0.0000

■ 27.1501, 32.1525,
51.2295

■ 27.1501, 32.1525,
51.2295

■ 24.3928, 29.3870,
50.8416

■ 30.4193, 35.2407,
51.6539

■ 22.1118, 26.9229,
50.4862

■ 34.2271, 38.6639,
52.1139

■ 20.2713, 24.7419,
50.1622

■ 38.6017, 42.4381,
52.6118

■ 18.8289, 22.8214,
49.8676

■ 43.5686, 46.5768,
53.1489

■ 17.7314, 21.1332,
49.5996

■ 49.1514, 51.0932,
53.7264

■ 17.3171, 20.4533,
49.4902

■ 55.3726, 55.9992,
54.3455

■ 62.2534, 61.3067,
55.0072

■ 69.8142, 67.0265,
55.7128

■ 72.9692, 70.5375,
56.2242

Harmonies

Analogous

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



25.3380, 32.1525, 42.7485



27.1501, 32.1525, 51.2295



29.9746, 32.1525, 55.4286

Triad

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



27.1501, 32.1525, 51.2295



37.0407, 32.1525, 36.7232



28.1041, 32.1525, 21.3953

Complementary

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



27.1501, 32.1525, 51.2295



29.9331, 26.0468, 15.7629

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.



31.1530, 32.1525, 20.3433



27.1501, 32.1525, 51.2295



36.4542, 32.1525, 28.2643

Square

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



27.1501, 32.1525, 51.2295



35.7956, 32.1525, 46.1750



34.2441, 32.1525, 22.6336



25.8616, 32.1525, 25.8053

Rectangle

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



27.1501, 32.1525, 51.2295



32.1078, 32.1525, 54.7909



34.2441, 32.1525, 22.6336



29.0627, 32.1525, 20.6733

Sweetspot

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



27.1511, 32.1537, 51.2303



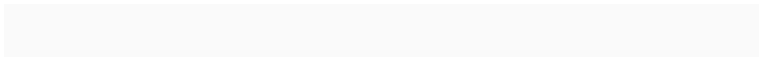
71.2181, 77.9779, 95.4990



26.5437, 39.3321, 25.1524



15.2771, 16.8282, 20.9855



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.1511, 32.1537, 51.2303



44.1160, 53.1641, 92.1380



21.0479, 19.9473, 49.1958



9.0466, 9.7704, 11.4885



11.7163, 13.8922, 33.3170



0.4627, 0.5890, 1.1911

Inverse Universe

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



31.4259, 22.3561, 36.8425



53.1487, 34.2514, 61.3343



36.2660, 38.7126, 17.8738



9.2699, 9.1183, 10.7685



16.5275, 8.1848, 15.9305



0.6077, 0.2986, 0.6935

Previews

White Background



This preview shows how the XYZ color 27.1501, 32.1525, 51.2295 looks on a white background.

Color Contrast Check

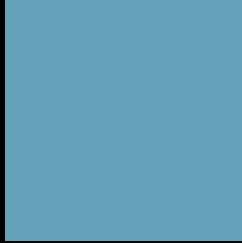
Large Text (above 18pt) WCAG AA × Fail

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 27.1501, 32.1525, 51.2295 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

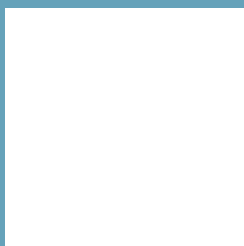
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1501, 32.1525, 51.2295

Background



This preview shows how black text looks on a background with the XYZ color 27.1501, 32.1525, 51.2295.



This preview shows how white text looks on a background with the XYZ color 27.1501, 32.1525,

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

27.1501, 32.1525, 51.2295

Protanopia

31.5777, 32.0070, 47.1615

Deuteranopia

32.6693, 31.9708, 52.5932



Tritanopia

26.2483, 32.3219, 46.4503

Trichromacy



Original Color

27.1501, 32.1525, 51.2295

Protanomaly

29.6920, 31.9796, 48.8637

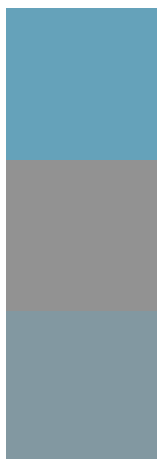
Deuteranomaly

30.1484, 31.6476, 52.0966

Tritanomaly

26.4810, 32.1423, 47.9884

Monochromacy



Original Color

27.1501, 32.1525, 51.2295

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8672, 29.7755, 38.0494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1501, 32.1525, 51.2295 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(101, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(101, 162, 186)  
}
```

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(101, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 162, 186) }
```

Border

The CSS property to change the border of an element to XYZ 27.1501, 32.1525, 51.2295 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(101, 162, 186) }
```


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

```
.border{ border-color:rgb(101, 162, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 162, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 162, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 162, 186);  
box-shadow:4px 4px 4px 4px rgb(101, 162,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1501, 32.1525, 51.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 162, 186) }
```

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

```
.background{ background-color: rgb(101,  
162, 186) }
```

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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