

Converting Colors

XYZ(32.9237, 31.3673, 56.7534)

Have a look what the booklet for
XYZ(32.9237, 31.3673, 56.7534)
contains.

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Color

**XYZ(32.7920, 31.2425,
56.5266)**

Conversions

Conversions Part 1

Format	Color
Hex	9593C4
RGB	149, 147, 196
RGB Percent	58%, 58%, 77%
CMY	0.4157, 0.4235, 0.2314
CMYK	0.24, 0.25, 0.00, 0.23
HSL	242°, 29%, 67%
HSV	242°, 25%, 77%
XYZ	32.7920, 31.2425, 56.5266
YIQ	153.1840, -14.5370, 15.6630

Conversions

Conversions Part 2

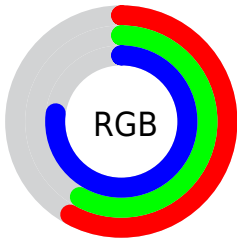
Format	Color
R_{YB}	149, 147, 196
Decimal	9802692
CIE _{Lab}	62.71, 11.41, -25.03
CIE _{LCh}	63, 27.508, 294.499
Yxy	31.2425, 0.2720, 0.2591
Android (android.graphics.Color)	4287992772 (0xFF9593C4)
YUV	153.1840, 21.1083, -3.6694
Hunter-Lab	55.8950, 6.9046, -20.8335

Details

The XYZ color **32.7920, 31.2425, 56.5266** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.2552, 53.0564, 35.3553**, and the grayscale version is **30.2747, 31.8513, 34.6861**.

A 20% lighter version of the original color is **63.5181, 61.7025, 101.4905**, and **14.0869, 13.0438, 27.3664** is the 20% darker color. If you saturate the color by 10%, you get **26.8425, 24.0305, 55.4486**, and if you desaturate by 10%, it is **39.8165, 39.7810, 57.8050**.

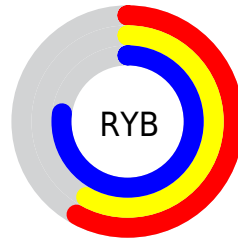
Distribution



Red (58%)

Green (58%)

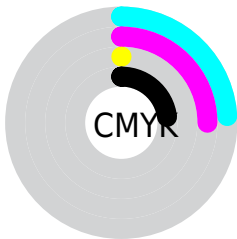
Blue (77%)



Red (58%)

Yellow (58%)

Blue (77%)

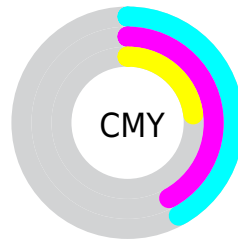


Cyan (24%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (42%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7920, 31.2425, 56.5266 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 32.7920, 31.2425, 56.5266 by changing the saturation by 10% instead.

■ 32.7920, 31.2425,
56.5266

■ 32.7920, 31.2425,
56.5266

306.3930,
307.6540, 429.1170

■ 22.1256, 20.7836,
40.2185

■ 63.4075, 61.6217,
101.2676

■ 14.0664, 12.9659,
27.3938

■ 84.0873, 82.3107,
130.5375

■ 8.2488, 7.4051,
17.6342

108.8357,
107.1785, 164.9651

■ 4.3077, 3.7167,
10.5210

138.0180,
136.6096, 204.9689

■ 1.8777, 1.5164,
5.6356

171.9995,
170.9883, 250.9674

■ 0.5638, 0.3002,
2.5596

211.1456,

■ 0.0000, 0.0000,

210.6990, 303.3793

0.8715

255.8217,
256.1261, 362.6229

■ 0.0000, 0.0000,
0.0000

■ 32.7920, 31.2425,
56.5266

■ 32.7920, 31.2425,
56.5266

■ 26.8425, 24.0305,
55.4486

■ 39.8165, 39.7810,
57.8050

■ 21.9120, 18.0748,
54.5589

■ 47.9622, 49.7038,
59.2910

■ 17.9444, 13.3048,
53.8474

■ 57.2761, 61.0700,
60.9940

■ 14.8765, 9.6411,
53.3019

■ 67.8018, 73.9341,
62.9222

■ 12.6380, 6.9947,
52.9091

■ 79.5807, 88.3477,
65.0835

■ 11.1478, 5.2629,
52.6533

■ 86.9639, 96.7656,
66.3192

■ 10.3087, 4.3213,
52.5158

■ 10.0640, 4.0372,
52.4739

Harmonies

Analogous

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



29.0080, 31.2425, 59.0420



32.7920, 31.2425, 56.5266



35.9719, 31.2425, 47.4999

Triad

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



32.7920, 31.2425, 56.5266



34.0901, 31.2425, 19.8035



23.0701, 31.2425, 32.0729

Complementary

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



32.7920, 31.2425, 56.5266



47.2552, 53.0564, 35.3553

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.



24.1945, 31.2425, 23.3636



32.7920, 31.2425, 56.5266



30.3929, 31.2425, 17.3023

Square

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



32.7920, 31.2425, 56.5266



36.7645, 31.2425, 26.1408



26.7995, 31.2425, 18.4528



23.5955, 31.2425, 43.3367

Rectangle

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



32.7920, 31.2425, 56.5266



37.2131, 31.2425, 39.8512



26.7995, 31.2425, 18.4528



23.2646, 31.2425, 28.7833

Sweetspot

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



32.7930, 31.2438, 56.5273



83.5968, 86.0314, 106.8074



41.3708, 48.9363, 59.4902



17.6925, 18.1697, 22.8246



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.7930, 31.2438, 56.5273



53.2724, 49.1593, 101.2887



37.6616, 33.7536, 56.7552



9.5655, 9.7672, 12.6659



6.4843, 2.6032, 33.7173



0.2936, 0.1194, 1.4575

Inverse Universe

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



42.9371, 36.4993, 55.8216



74.8114, 60.3207, 99.6939



41.5560, 50.1183, 35.0886



10.4790, 10.2402, 12.6128



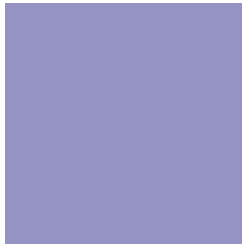
20.4680, 9.8770, 31.4402



0.8900, 0.4290, 1.3880

Previews

White Background



This preview shows how the XYZ color 32.7920, 31.2425, 56.5266 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 32.7920, 31.2425, 56.5266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

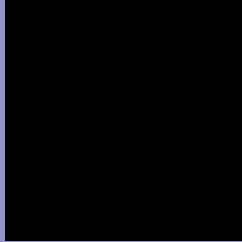
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7920, 31.2425, 56.5266

Background



This preview shows how black text looks on a background with the XYZ color 32.7920, 31.2425, 56.5266.



This preview shows how white text looks on a background with the XYZ color 32.7920, 31.2425,

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

32.7920, 31.2425, 56.5266

Protanopia

31.7468, 31.3789, 57.8096

Deuteranopia

32.0389, 31.3201, 56.5813



Tritanopia

29.5105, 31.3387, 40.0909

Trichromacy



Original Color

32.7920, 31.2425, 56.5266

Protanomaly

32.1532, 31.3657, 57.1829

Deuteranomaly

32.2308, 31.1851, 56.5451

Tritanomaly

30.5801, 31.2875, 45.5016

Monochromacy



Original Color

32.7920, 31.2425, 56.5266

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.1769, 31.6732, 42.0065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7920, 31.2425, 56.5266 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(149, 147, 196)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 196)  
}
```

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(149, 147, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 196) }
```

Border

The CSS property to change the border of an element to XYZ 32.7920, 31.2425, 56.5266 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(149, 147, 196) }
```


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

```
.border{ border-color:rgb(149, 147, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 196);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7920, 31.2425, 56.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 196) }
```

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

```
.background{ background-color: rgb(149,  
147, 196) }
```

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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