

Converting Colors

XYZ(32.5101, 31.6768, 23.7861)

Have a look what the booklet for
XYZ(32.5101, 31.6768, 23.7861)
contains.

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Color

**XYZ(32.5710, 31.6221,
23.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	B3927D
RGB	179, 146, 125
RGB Percent	70%, 57%, 49%
CMY	0.2980, 0.4274, 0.5098
CMYK	0.00, 0.18, 0.30, 0.30
HSL	23°, 26%, 60%
HSV	23°, 30%, 70%
XYZ	32.5710, 31.6221, 23.7890
YIQ	153.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

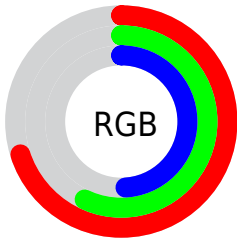
Format	Color
RYB	179, 159, 125
Decimal	11768445
CIELab	63.03, 9.25, 15.80
CIELCh	63, 18.307, 59.657
Yxy	31.6221, 0.3702, 0.3594
Android (android.graphics.Color)	4289958525 (0xFFB3927D)
YUV	153.4730, -14.0372, 22.3872
Hunter-Lab	56.2335, 4.9802, 14.2815

Details

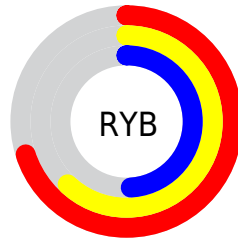
The XYZ color **32.5710, 31.6221, 23.7890** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.8208, 32.0676, 47.3188**, and the grayscale version is **30.5364, 32.1267, 34.9860**.

A 20% lighter version of the original color is **63.2822, 62.3558, 50.8200**, and **13.9448, 13.2475, 8.6595** is the 20% darker color. If you saturate the color by 10%, you get **29.9230, 27.9939, 17.7641**, and if you desaturate by 10%, it is **35.5882, 35.6583, 30.9544**.

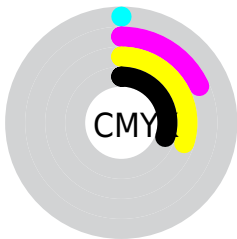
Distribution



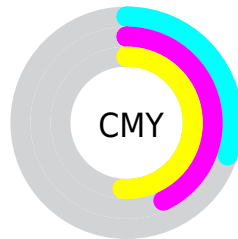
- Red (70%)
- Green (57%)
- Blue (49%)



- Red (70%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (30%)





- Cyan (30%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5710, 31.6221, 23.7890 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 32.5710, 31.6221, 23.7890 by changing the saturation by 10% instead.


 32.5710, 31.6221,
23.7890


 32.5710, 31.6221,
23.7890


305.4115,
309.3942, 285.0041


 21.9557, 21.0730,
14.9664

 63.0643, 62.2182,
50.6252

 13.9407, 13.1774,
8.6495


 83.6731, 83.0340,
69.4758

 8.1609, 7.5508,
4.4196

 108.3436,
108.0408, 92.5063

 4.2507, 3.8089,
1.8582

137.4414,
137.6231, 120.1351

 1.8449, 1.5672,
0.4660

171.3317,
172.1651, 152.7807

 0.5445, 0.3354,
0.0000

210.3799,

 0.0000, 0.0000,

212.0514, 190.8617

0.0000

254.9514,
257.6663, 234.7967

■ 32.5710, 31.6221,
23.7890

■ 32.5710, 31.6221,
23.7890

■ 29.9230, 27.9939,
17.7641

■ 35.5882, 35.6583,
30.9544

■ 27.6260, 24.7560,
12.8179

■ 38.9865, 40.1109,
39.3138

■ 25.6640, 21.8955,
8.8856


■ 42.7806, 44.9935,
48.9194

■ 24.0187, 19.3971,
5.8948


■ 46.9835, 50.3178,
59.8202


■ 22.6695, 17.2443,
3.7630


■ 51.6075, 56.0949,
72.0620


 21.5929, 15.4189,
2.3934

 56.6645, 62.3355,
85.6887

 20.7572, 13.9170,
1.5922

 62.1658, 69.0501,
100.7421

 65.9231, 75.3689,
105.6809

 69.1251, 81.7730,
106.7482

Harmonies

Analogous

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



34.4667, 31.6221, 28.0105



32.5710, 31.6221, 23.7890



30.0849, 31.6221, 22.3341

Triad

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



32.5710, 31.6221, 23.7890



25.4658, 31.6221, 34.3480



32.5179, 31.6221, 47.9545

Complementary

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



32.5710, 31.6221, 23.7890



28.8208, 32.0676, 47.3188

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.



30.0268, 31.6221, 50.2573



32.5710, 31.6221, 23.7890



26.0383, 31.6221, 41.7647

Square

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



32.5710, 31.6221, 23.7890



26.0647, 31.6221, 27.8851



27.6736, 31.6221, 47.8508



34.4349, 31.6221, 41.9288

Rectangle

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



32.5710, 31.6221, 23.7890



28.4551, 31.6221, 22.9454



27.6736, 31.6221, 47.8508



31.7156, 31.6221, 49.2241

Sweetspot

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



32.5718, 31.6236, 23.7896



70.4805, 72.6894, 72.0526



32.1218, 26.7303, 35.9501



15.4085, 15.8365, 15.4473



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.



32.5718, 31.6236, 23.7896



55.2056, 52.3680, 35.4283



37.1785, 40.8369, 25.3252



8.7584, 9.0293, 8.9337



14.7272, 9.9529, 1.1449



0.5210, 0.4284, 0.0552

Inverse Universe

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



28.8208, 32.0676, 47.3188



47.4302, 53.2768, 84.1648



24.7511, 23.9283, 45.9622



8.4596, 9.0654, 10.8103



9.7073, 10.2150, 31.5970



0.3601, 0.4307, 1.0124

Previews

White Background



This preview shows how the XYZ color 32.5710, 31.6221, 23.7890 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 32.5710, 31.6221, 23.7890 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 32.5710, 31.6221, 23.7890

Background



This preview shows how black text looks on a background with the XYZ color 32.5710, 31.6221, 23.7890.



This preview shows how white text looks on a background with the XYZ color 32.5710, 31.6221,

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

32.5710, 31.6221, 23.7890

Protanopia

29.8225, 31.5921, 24.9481

Deuteranopia

32.2669, 31.6952, 23.8192



Tritanopia

34.7142, 31.5910, 34.4050

Trichromacy



Original Color

32.5710, 31.6221, 23.7890

Protanomaly

30.8856, 31.6698, 24.5637

Deuteranomaly

32.4955, 31.8131, 23.8299

Tritanomaly

33.8364, 31.4518, 30.2740

Monochromacy



Original Color

32.5710, 31.6221, 23.7890

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.7646, 31.4772, 30.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5710, 31.6221, 23.7890 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(179, 146, 125)` looks like.

```
.text, #text, p{  
    color:rgb(179, 146, 125)  
}
```

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(179, 146, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 146, 125) }
```

Border

The CSS property to change the border of an element to XYZ 32.5710, 31.6221, 23.7890 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(179, 146, 125) }
```


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

```
.border{ border-color:rgb(179, 146, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 146, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 146, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 146, 125);  
box-shadow:4px 4px 4px 4px rgb(179, 146,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5710, 31.6221, 23.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 146, 125) }
```

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

```
.background{ background-color: rgb(179,  
146, 125) }
```

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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