

Converting Colors

XYZ(23.9371, 28.5752, 32.1852)

Have a look what the booklet for
XYZ(23.9371, 28.5752, 32.1852)
contains.

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Color

**XYZ(23.9390, 28.6336,
32.2821)**

Conversions

Conversions Part 1

Format	Color
Hex	749994
RGB	116, 153, 148
RGB Percent	45%, 60%, 58%
CMY	0.5451, 0.4000, 0.4196
CMYK	0.24, 0.00, 0.03, 0.40
HSL	172°, 15%, 53%
HSV	172°, 24%, 60%
XYZ	23.9390, 28.6336, 32.2821
YIQ	141.3670, -20.4470, -9.3990

Conversions

Conversions Part 2

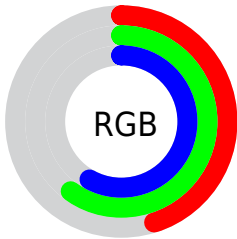
Format	Color
RYB	116, 136, 153
Decimal	7641492
CIELab	60.46, -13.79, -1.54
CIElCh	60, 13.880, 186.367
Yxy	28.6336, 0.2821, 0.3374
Android (android.graphics.Color)	4285831572 (0xFF749994)
YUV	141.3670, 3.2701, -22.2469
Hunter-Lab	53.5104, -13.7874, 1.6884

Details

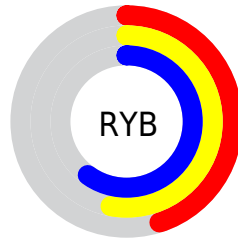
The XYZ color **23.9390, 28.6336, 32.2821** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8345, 20.6444, 20.8716**, and the grayscale version is **25.4555, 26.7811, 29.1647**.

A 20% lighter version of the original color is **49.3357, 57.3249, 64.3417**, and **9.1558, 11.5241, 13.0511** is the 20% darker color. If you saturate the color by 10%, you get **21.9083, 27.6062, 31.3406**, and if you desaturate by 10%, it is **26.3093, 29.8372, 33.2560**.

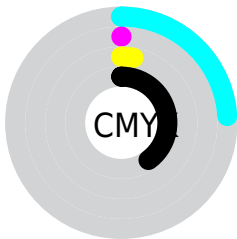
Distribution



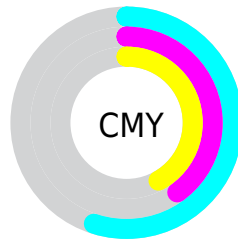
- Red (45%)
- Green (60%)
- Blue (58%)



- Red (45%)
- Yellow (53%)
- Blue (60%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9390, 28.6336, 32.2821 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 23.9390, 28.6336, 32.2821 by changing the saturation by 10% instead.

■ 23.9390, 28.6336,
32.2821

■ 23.9390, 28.6336,
32.2821

264.9581,
295.4822, 326.9345

■ 15.4129, 18.8038,
21.3105

■ 49.3860, 57.4944,
64.3561

■ 9.1979, 11.5286,
13.1577

■ 67.0377, 77.2943,
86.2956

■ 4.9286, 6.4236,
7.4052

■ 88.4618, 101.1863,
112.7280

■ 2.2398, 3.1043,
3.6345

114.0239,
129.5548, 144.0721

■ 0.7636, 1.1864,
1.4271

144.0892,
162.7843, 180.7462

■ 0.0000, 0.0506,
0.1627

179.0231,

■ 0.0000, 0.0000,

201.2591, 223.1689

0.0000

219.1910,
245.3636, 271.7589

■ 23.9390, 28.6336,
32.2821

■ 23.9390, 28.6336,
32.2821

■ 21.9083, 27.6062,
31.3406

■ 26.3093, 29.8372,
33.2560

■ 20.1983, 26.7431,
30.4286

■ 29.0320, 31.2214,
34.2612

■ 18.7920, 26.0362,
29.5460

■ 32.1222, 32.7947,
35.2990

■ 17.6700, 25.4755,
28.6918

■ 35.5935, 34.5641,
36.3701

■ 16.8103, 25.0498,
27.8647

■ 39.4588, 36.5362,
37.4752

■ 16.1881, 24.7461,
27.0637

■ 43.7302, 38.7174,
38.6150

■ 15.7730, 24.5489,
26.2872

■ 48.4195, 41.1137,
39.7901

■ 15.5785, 24.4582,
25.8445

■ 53.5380, 43.7309,
41.0011

■ 59.0964, 46.5745,
42.2486

Harmonies

Analogous

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



24.1851, 28.6336, 27.3936



23.9390, 28.6336, 32.2821



24.5393, 28.6336, 37.3888

Triad

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



23.9390, 28.6336, 32.2821



29.3057, 28.6336, 39.7984



28.6172, 28.6336, 22.9973

Complementary

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



23.9390, 28.6336, 32.2821



22.8345, 20.6444, 20.8716

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.



30.0792, 28.6336, 25.6946



23.9390, 28.6336, 32.2821



30.4887, 28.6336, 35.2939

Square

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



23.9390, 28.6336, 32.2821



27.5985, 28.6336, 42.0242



30.7778, 28.6336, 30.0977



26.8358, 28.6336, 22.3783

Rectangle

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



23.9390, 28.6336, 32.2821



25.3549, 28.6336, 40.1164



30.7778, 28.6336, 30.0977



29.1647, 28.6336, 23.6754

Sweetspot

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



23.9398, 28.6348, 32.2827



50.4825, 55.1443, 60.8172



22.5070, 28.1494, 20.7707



11.0902, 12.1475, 13.4084



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.9398, 28.6348, 32.2827



40.8375, 50.2489, 56.8960



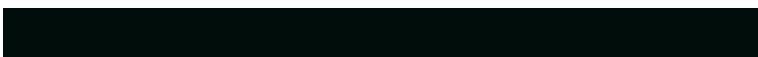
22.3385, 24.7847, 33.7449



6.3486, 7.0122, 7.7594



12.8837, 20.2169, 21.4059



0.2013, 0.3057, 0.3658

Inverse Universe

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



22.8345, 20.6444, 20.8716



38.5100, 33.4133, 32.8604



24.1339, 23.7215, 19.8302



6.2411, 6.2356, 6.6498



10.9746, 5.6441, 1.1253



0.1718, 0.0875, 0.0573

Previews

White Background



This preview shows how the XYZ color 23.9390, 28.6336, 32.2821 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 23.9390, 28.6336, 32.2821 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

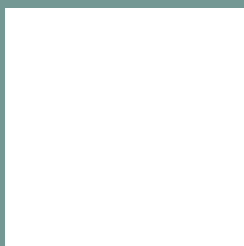
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9390, 28.6336, 32.2821

Background



This preview shows how black text looks on a background with the XYZ color 23.9390, 28.6336, 32.2821.



This preview shows how white text looks on a background with the XYZ color 23.9390, 28.6336,

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

23.9390, 28.6336, 32.2821

Protanopia

27.2961, 28.5299, 30.0548

Deuteranopia

28.9345, 28.4199, 32.8147



Tritanopia

25.2852, 28.6995, 38.8572

Trichromacy



Original Color

23.9390, 28.6336, 32.2821

Protanomaly

25.8541, 28.4584, 30.9184

Deuteranomaly

26.7055, 28.1715, 32.4639

Tritanomaly

24.8710, 28.7766, 36.5914

Monochromacy



Original Color

23.9390, 28.6336, 32.2821

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6752, 27.1699, 30.3294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9390, 28.6336, 32.2821 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(116, 153, 148)` looks like.

```
.text, #text, p{  
    color:rgb(116, 153, 148)  
}
```

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(116, 153, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 153, 148) }
```

Border

The CSS property to change the border of an element to XYZ 23.9390, 28.6336, 32.2821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

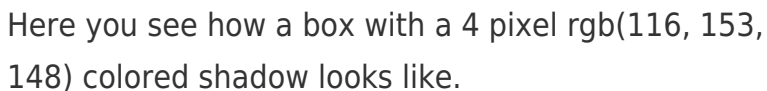
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 153, 148) }
```


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

```
.border{ border-color:rgb(116, 153, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 153, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 153, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 153, 148); box-shadow:4px 4px 4px 4px rgb(116, 153, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9390, 28.6336, 32.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 153, 148) }
```

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

```
.background{ background-color: rgb(116,  
153, 148) }
```

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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