

Converting Colors

XYZ(23.5990, 32.8832, 20.7261)

Have a look what the booklet for
XYZ(23.5990, 32.8832, 20.7261)
contains.

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Color

**XYZ(23.5990, 32.8832,
20.7261)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA971
RGB	110, 169, 113
RGB Percent	43%, 66%, 44%
CMY	0.5686, 0.3372, 0.5569
CMYK	0.35, 0.00, 0.33, 0.34
HSL	123°, 26%, 55%
HSV	123°, 35%, 66%
XYZ	23.5990, 32.8832, 20.7261
YIQ	144.9750, -17.1880, -29.9240

Conversions

Conversions Part 2

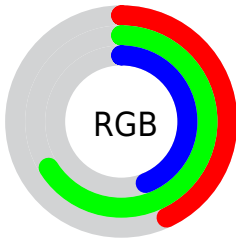
Format	Color
RYB	110, 166, 169
Decimal	7252337
CIELab	64.07, -30.85, 23.00
CIELCh	64, 38.481, 143.301
Yxy	32.8832, 0.3057, 0.4259
Android (android.graphics.Color)	4285442417 (0xFF6EA971)
YUV	144.9750, -15.7637, -30.6731
Hunter-Lab	57.3439, -26.8928, 18.7112

Details

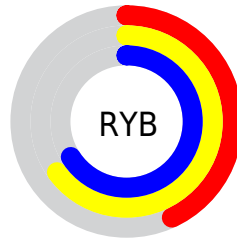
The XYZ color **23.5990, 32.8832, 20.7261** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.8221, 22.3407, 38.8706**, and the grayscale version is **26.9712, 28.3758, 30.9012**.

A 20% lighter version of the original color is **49.0266, 64.4596, 45.4553**, and **8.9744, 13.7908, 7.0394** is the 20% darker color. If you saturate the color by 10%, you get **20.8688, 31.5720, 16.2938**, and if you desaturate by 10%, it is **26.8916, 34.4678, 26.0193**.

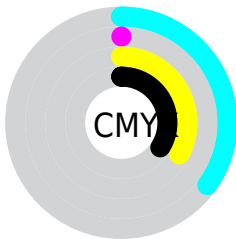
Distribution



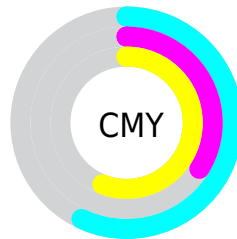
- Red (43%)
- Green (66%)
- Blue (44%)



- Red (43%)
- Yellow (65%)
- Blue (66%)



- Cyan (35%)
- Magenta (0%)
- Yellow (33%)
- Black (34%)



- Cyan (57%)
- Magenta (34%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5990, 32.8832, 20.7261 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 23.5990, 32.8832, 20.7261 by changing the saturation by 10% instead.

■ 23.5990, 32.8832,
20.7261

■ 23.5990, 32.8832,
20.7261

263.2651,
315.1231, 268.5523

■ 15.1595, 22.0370,
12.7346

■ 48.8345, 64.1931,
45.5061

■ 9.0185, 13.8841,
7.1175

■ 66.3612, 85.4256,
63.1317

■ 4.8104, 8.0401,
3.4561

■ 87.6478, 110.8890,
84.8058

■ 2.1701, 4.1206,
1.3320

■ 113.0595,
140.9677, 110.9469

■ 0.7269, 1.7413,
0.0878

142.9617,
176.0461, 141.9736

■ 0.0000, 0.4502,
0.0000

177.7198,

■ 0.0000, 0.0000,

216.5085, 178.3044

0.0000

217.6992,
262.7394, 220.3578

■ 23.5990, 32.8832,
20.7261

■ 23.5990, 32.8832,
20.7261

■ 20.8688, 31.5720,
16.2938

■ 26.8916, 34.4678,
26.0193

■ 18.6672, 30.5148,
12.6750

■ 30.7728, 36.3356,
32.2133

■ 16.9607, 29.6965,
9.8208


■ 35.2705, 38.5009,
39.3480


■ 15.7109, 29.0983,
7.6764


■ 40.4098, 40.9761,
47.4604


■ 14.8736, 28.6990,
6.1796


■ 46.2145, 43.7726,
56.5855


 14.3955, 28.4725,
5.2574

 52.7073, 46.9013,
66.7564

 14.2357, 28.3961,
4.9775

 59.9096, 50.3728,
78.0048

 67.8420, 54.1968,
90.3612

 73.4786, 56.8573,
101.7095

Harmonies

Analogous

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



27.2986, 32.8832, 14.7442



23.5990, 32.8832, 20.7261



21.9785, 32.8832, 32.4240

Triad

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



23.5990, 32.8832, 20.7261



30.0508, 32.8832, 74.5343



41.8735, 32.8832, 25.2182

Complementary

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



23.5990, 32.8832, 20.7261



28.8221, 22.3407, 38.8706

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.



42.8303, 32.8832, 39.4116



23.5990, 32.8832, 20.7261



35.5752, 32.8832, 70.9451

Square

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



23.5990, 32.8832, 20.7261



25.4137, 32.8832, 65.5767



40.4088, 32.8832, 56.8439



37.9279, 32.8832, 16.7631

Rectangle

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



23.5990, 32.8832, 20.7261



22.1442, 32.8832, 43.1443



40.4088, 32.8832, 56.8439



42.5728, 32.8832, 29.3477

Sweetspot

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



23.5998, 32.8846, 20.7268



58.7820, 66.8397, 63.5234



32.7402, 37.6158, 20.2870



12.5792, 14.4561, 13.4760



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.5998, 32.8846, 20.7268



38.3478, 57.0093, 30.7692



25.5356, 33.6589, 30.9205



7.4516, 8.4137, 8.0985



10.6154, 21.1649, 3.7418



0.2630, 0.5168, 0.1157

Inverse Universe

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



28.8221, 22.3407, 38.8706



49.1345, 35.2221, 68.2398



26.4222, 21.3807, 26.2330



7.8252, 7.6599, 9.3966



16.9561, 8.1912, 25.6443



0.4174, 0.2012, 0.6493

Previews

White Background



This preview shows how the XYZ color 23.5990, 32.8832, 20.7261 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 23.5990, 32.8832, 20.7261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

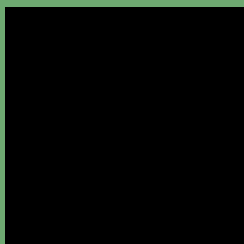
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.5990, 32.8832, 20.7261

Background



This preview shows how black text looks on a background with the XYZ color 23.5990, 32.8832, 20.7261.



This preview shows how white text looks on a background with the XYZ color 23.5990, 32.8832,

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

23.5990, 32.8832, 20.7261

Protanopia

30.1458, 32.3882, 18.5726

Deuteranopia

33.1513, 32.4329, 21.6525



Tritanopia

28.4109, 32.6833, 44.8555

Trichromacy



Original Color

23.5990, 32.8832, 20.7261

Protanomaly

27.0125, 32.0114, 19.2231

Deuteranomaly

28.7512, 32.1058, 21.2047

Tritanomaly

26.4142, 32.6695, 34.6194

Monochromacy



Original Color

23.5990, 32.8832, 20.7261

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.3050, 29.7102, 26.5912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5990, 32.8832, 20.7261 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, 169, 113)` looks like.

```
.text, #text, p{  
    color:rgb(110, 169, 113)  
}
```

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, 169, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 169, 113) }
```

Border

The CSS property to change the border of an element to XYZ 23.5990, 32.8832, 20.7261 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, 169, 113) }
```


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

```
.border{ border-color:rgb(110, 169, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 169, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 169, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 169, 113);  
box-shadow:4px 4px 4px 4px rgb(110, 169,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5990, 32.8832, 20.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 169, 113) }
```

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

```
.background{ background-color: rgb(110,  
169, 113) }
```

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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