

Converting Colors

XYZ(17.3645, 23.6317, 13.3709)

Have a look what the booklet for
XYZ(17.3645, 23.6317, 13.3709)
contains.

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Color

**XYZ(17.2982, 23.5095,
13.2989)**

Conversions

Conversions Part 1

Format	Color
Hex	66905A
RGB	102, 144, 90
RGB Percent	40%, 56%, 35%
CMY	0.6000, 0.4353, 0.6471
CMYK	0.29, 0.00, 0.38, 0.44
HSL	107°, 23%, 46%
HSV	107°, 38%, 56%
XYZ	17.2982, 23.5095, 13.2989
YIQ	125.2860, -7.6980, -25.6980

Conversions

Conversions Part 2

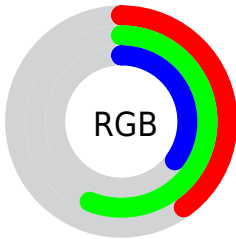
Format	Color
R_{YB}	90, 144, 132
Decimal	6721626
CIE _{Lab}	55.59, -25.24, 24.21
CIE _{LCh}	56, 34.972, 136.200
Yxy	23.5095, 0.3197, 0.4345
Android (android.graphics.Color)	4284911706 (0xFF66905A)
YUV	125.2860, -17.3960, -20.4218
Hunter-Lab	48.4866, -21.1694, 17.6786

Details

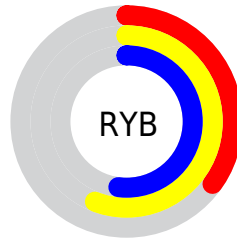
The XYZ color **17.2982, 23.5095, 13.2989** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.2070, 14.2322, 28.1743**, and the grayscale version is **19.6486, 20.6719, 22.5117**.

A 20% lighter version of the original color is **38.3282, 49.1813, 32.6721**, and **5.8186, 8.7600, 3.6697** is the 20% darker color. If you saturate the color by 10%, you get **15.5591, 22.6777, 10.3222**, and if you desaturate by 10%, it is **19.3288, 24.4792, 16.9102**.

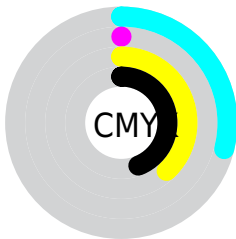
Distribution



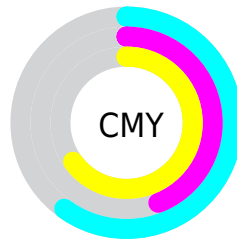
- Red (40%)
- Green (56%)
- Blue (35%)



- Red (35%)
- Yellow (56%)
- Blue (52%)



- Cyan (29%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2982, 23.5095, 13.2989 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 17.2982, 23.5095, 13.2989 by changing the saturation by 10% instead.

■ 17.2982, 23.5095,
13.2989

■ 17.2982, 23.5095,
13.2989

230.0079,
270.3312, 224.0992

■ 10.5439, 14.9702,
7.5015

■ 38.3773, 49.2286,
32.5388

■ 5.8261, 8.7985,
3.6945

■ 53.4329, 67.1771,
46.8184

■ 2.7793, 4.6100,
1.4593

■ 71.9863, 89.0309,
64.7624

■ 1.0381, 2.0203,
0.1873

■ 94.4028, 115.1742,
86.7896

■ 0.0000, 0.6192,
0.0000

121.0479,
145.9915, 113.3182

■ 0.0000, 0.0000,
0.0000

152.2869,

181.8671, 144.7671

188.4851,
223.1856, 181.5545

■ 17.2982, 23.5095,
13.2989

■ 17.2982, 23.5095,
13.2989

■ 15.5591, 22.6777,
10.3222

■ 19.3288, 24.4792,
16.9102

■ 14.0960, 21.9747,
7.9419

■ 21.6620, 25.5897,
21.1881

■ 12.8946, 21.3944,
6.1182

■ 24.3102, 26.8476,
26.1645

■ 11.9386, 20.9297,
4.8058

■ 27.2850, 28.2579,
31.8686

■ 11.2095, 20.5719,
3.9522

■ 30.5969, 29.8257,
38.3281

■ 10.6797, 20.3092,
3.4605

■ 34.2563, 31.5557,
45.5692

■ 10.5693, 20.2545,
3.3525

■ 38.2729, 33.4524,
53.6168

■ 42.6563, 35.5202,
62.4947

■ 47.4155, 37.7632,
72.2257

Harmonies

Analogous

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



20.2919, 23.5095, 9.8736



17.2982, 23.5095, 13.2989



15.7496, 23.5095, 20.7509

Triad

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



17.2982, 23.5095, 13.2989



20.5815, 23.5095, 53.0733



30.4630, 23.5095, 19.9950

Complementary

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



17.2982, 23.5095, 13.2989



18.2070, 14.2322, 28.1743

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.



30.5644, 23.5095, 31.1462



17.2982, 23.5095, 13.2989



24.5323, 23.5095, 52.6907

Square

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



17.2982, 23.5095, 13.2989



17.4886, 23.5095, 44.7312



28.2889, 23.5095, 43.8028



28.0264, 23.5095, 12.8868

Rectangle

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



17.2982, 23.5095, 13.2989



15.6115, 23.5095, 28.0202



28.2889, 23.5095, 43.8028



30.7804, 23.5095, 23.3193

Sweetspot

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



17.2988, 23.5105, 13.2994



41.0694, 46.4932, 42.7291



21.5182, 23.0088, 12.9802



9.2892, 10.6007, 9.5561



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.2988, 23.5105, 13.2994



27.8923, 40.2126, 18.9618



16.7095, 23.1289, 16.7876



5.4480, 6.0836, 5.7765



9.2212, 17.6463, 2.9201



0.1043, 0.1770, 0.0287

Inverse Universe

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



18.2070, 14.2322, 28.1743



29.7181, 21.4038, 49.1031



19.1611, 14.8432, 22.8347



5.5107, 5.4514, 6.7906



10.2236, 4.7641, 23.3578



0.1164, 0.0552, 0.2242

Previews

White Background



This preview shows how the XYZ color 17.2982, 23.5095, 13.2989 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 17.2982, 23.5095, 13.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

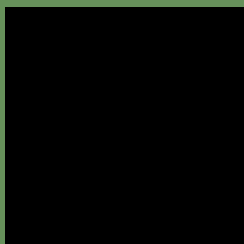
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2982, 23.5095, 13.2989

Background



This preview shows how black text looks on a background with the XYZ color 17.2982, 23.5095, 13.2989.



This preview shows how white text looks on a background with the XYZ color 17.2982, 23.5095,

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

17.2982, 23.5095, 13.2989

Protanopia

21.5288, 23.3602, 11.9686

Deuteranopia

23.7103, 23.2560, 13.8289



Tritanopia

20.9730, 23.4742, 31.4425

Trichromacy



Original Color

17.2982, 23.5095, 13.2989

Protanomaly

19.7192, 23.2466, 12.4645

Deuteranomaly

20.8445, 22.9686, 13.6907

Tritanomaly

19.3932, 23.4766, 23.5880

Monochromacy



Original Color

17.2982, 23.5095, 13.2989

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5120, 21.4543, 18.4946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2982, 23.5095, 13.2989 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(102, 144, 90)` looks like.

```
.text, #text, p{  
    color:rgb(102, 144, 90)  
}
```

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(102, 144, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 144, 90) }
```

Border

The CSS property to change the border of an element to XYZ 17.2982, 23.5095, 13.2989 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(102, 144, 90) }
```


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

```
.border{ border-color:rgb(102, 144, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 144, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 144, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 144, 90);  
box-shadow:4px 4px 4px 4px rgb(102, 144,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2982, 23.5095, 13.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 144, 90) }
```

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

```
.background{ background-color: rgb(102,  
144, 90) }
```

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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