

Converting Colors

XYZ(23.2494, 29.2647, 43.9584)

Have a look what the booklet for
XYZ(23.2494, 29.2647, 43.9584)
contains.

XYZ(23.2494, 29.2647, 43.9584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.2494, 29.2647,
43.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	529EAD
RGB	82, 158, 173
RGB Percent	32%, 62%, 68%
CMY	0.6784, 0.3804, 0.3216
CMYK	0.53, 0.09, 0.00, 0.32
HSL	190°, 36%, 50%
HSV	190°, 53%, 68%
XYZ	23.2494, 29.2647, 43.9584
YIQ	136.9860, -50.1110, -11.4470

Conversions

Conversions Part 2

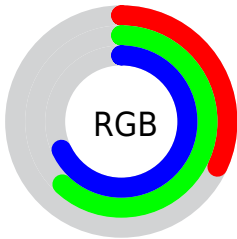
Format	Color
R_{YB}	82, 123, 173
Decimal	5414573
CIE _{Lab}	61.01, -19.26, -15.03
CIE _{LCh}	61, 24.432, 217.974
Yxy	29.2647, 0.2410, 0.3033
Android (android.graphics.Color)	4283604653 (0xFF529EAD)
YUV	136.9860, 17.7549, -48.2227
Hunter-Lab	54.0969, -17.9549, -10.3105

Details

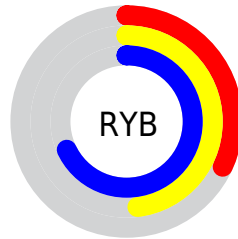
The XYZ color **23.2494, 29.2647, 43.9584** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.0320, 18.0436, 10.2525**, and the grayscale version is **23.7221, 24.9575, 27.1787**.

A 20% lighter version of the original color is **48.2791, 58.5932, 82.1638**, and **8.8189, 11.7987, 19.9017** is the 20% darker color. If you saturate the color by 10%, you get **21.4499, 27.6239, 43.7371**, and if you desaturate by 10%, it is **25.4413, 31.1258, 44.2026**.

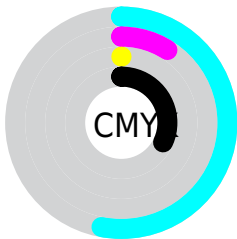
Distribution



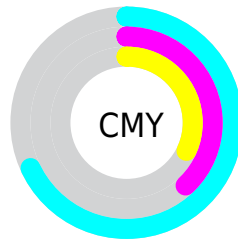
- Red (32%)
- Green (62%)
- Blue (68%)



- Red (32%)
- Yellow (48%)
- Blue (68%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (68%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2494, 29.2647, 43.9584 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 23.2494, 29.2647, 43.9584 by changing the saturation by 10% instead.

■ 23.2494, 29.2647,
43.9584

■ 23.2494, 29.2647,
43.9584

261.5149,
298.4618, 378.5749

■ 14.8995, 19.2812,
30.3009

■ 48.2662, 58.4974,
82.4569

■ 8.8347, 11.8736,
19.8131

■ 65.6637, 78.5153,
108.1350

■ 4.6898, 6.6577,
12.0765

■ 86.8079, 102.6468,
138.6570

■ 2.0993, 3.2489,
6.6726

■ 112.0640,
131.2763, 174.4415

■ 0.6888, 1.2630,
3.1829

141.7973,
164.7881, 215.9070

■ 0.0000, 0.1123,
1.1888

176.3734,

■ 0.0000, 0.0000,

203.5667, 263.4720

0.0000

216.1574,
247.9965, 317.5551

■ 23.2494, 29.2647,
43.9584

■ 23.2494, 29.2647,
43.9584

■ 21.4499, 27.6239,
43.7371

■ 25.4413, 31.1258,
44.2026

■ 20.0109, 26.1850,
43.5352

■ 28.0489, 33.2174,
44.4689

■ 18.8999, 24.9317,
43.3518

■ 31.0970, 35.5531,
44.7591

■ 18.0771, 23.8434,
43.1851

■ 34.6076, 38.1443,
45.0742

■ 17.5900, 23.1113,
43.0695

■ 38.6012, 41.0017,
45.4153

■ 43.0971, 44.1353,
45.7831

■ 48.1133, 47.5545,
46.1788

■ 53.6672, 51.2685,
46.6029

■ 59.7753, 55.2858,
47.0564

Harmonies

Analogous

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



22.1656, 29.2647, 34.3672



23.2494, 29.2647, 43.9584



25.5750, 29.2647, 51.1087

Triad

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



23.2494, 29.2647, 43.9584



33.9058, 29.2647, 38.9261



26.9719, 29.2647, 17.4268

Complementary

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



23.2494, 29.2647, 43.9584



23.0320, 18.0436, 10.2525

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.



30.1826, 29.2647, 18.1822



23.2494, 29.2647, 43.9584



34.3514, 29.2647, 29.4859

Square

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



23.2494, 29.2647, 43.9584



31.7679, 29.2647, 47.8375



32.9428, 29.2647, 22.2207



24.2048, 29.2647, 19.9131

Rectangle

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



23.2494, 29.2647, 43.9584



27.5987, 29.2647, 52.8725



32.9428, 29.2647, 22.2207



28.0329, 29.2647, 17.3206

Sweetspot

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



23.2503, 29.2658, 43.9591



59.5669, 66.5513, 80.5119



20.5193, 32.5197, 16.1785



12.6738, 14.2629, 17.4727



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.2503, 29.2658, 43.9591



37.9882, 49.0630, 78.2737



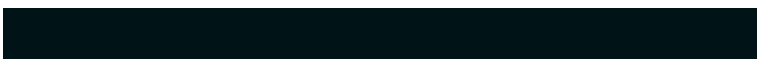
17.0238, 16.8128, 41.8836



8.1223, 8.8439, 10.2317



12.9578, 17.0494, 31.6524



0.3899, 0.5331, 0.8903

Inverse Universe

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



26.4232, 17.3884, 34.3125



44.5142, 26.3238, 58.0539



28.3043, 28.5883, 12.0099



8.2795, 8.1251, 9.7828



16.4041, 8.0242, 20.3054



0.4712, 0.2292, 0.6430

Previews

White Background



This preview shows how the XYZ color 23.2494, 29.2647, 43.9584 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 23.2494, 29.2647, 43.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

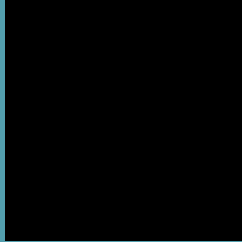
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2494, 29.2647, 43.9584

Background



This preview shows how black text looks on a background with the XYZ color 23.2494, 29.2647, 43.9584.



This preview shows how white text looks on a background with the XYZ color 23.2494, 29.2647,

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

23.2494, 29.2647, 43.9584

Protanopia

28.4185, 28.8967, 39.6771

Deuteranopia

29.5130, 28.8905, 45.0952



Tritanopia

22.9709, 29.1433, 42.9426

Trichromacy



Original Color

23.2494, 29.2647, 43.9584

Protanomaly

25.8594, 28.7048, 41.2234

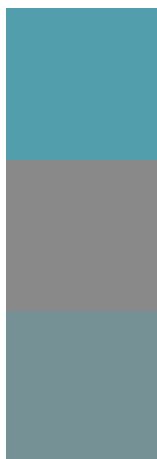
Deuteranomaly

26.4961, 28.4859, 44.6593

Tritanomaly

23.0666, 29.1816, 43.4466

Monochromacy



Original Color

23.2494, 29.2647, 43.9584

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.9665, 26.2347, 32.7075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2494, 29.2647, 43.9584 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(82, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(82, 158, 173)  
}
```

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(82, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 158, 173) }
```

Border

The CSS property to change the border of an element to XYZ 23.2494, 29.2647, 43.9584 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(82, 158, 173) }
```


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

```
.border{ border-color:rgb(82, 158, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(82, 158,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2494, 29.2647, 43.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 158, 173) }
```

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

```
.background{ background-color: rgb(82, 158,  
173) }
```

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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