

Converting Colors

XYZ(23.5848, 28.0112, 43.9218)

Have a look what the booklet for
XYZ(23.5848, 28.0112, 43.9218)
contains.

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Color

**XYZ(23.4904, 27.9065,
43.6836)**

Conversions

Conversions Part 1

Format	Color
Hex	5F98AD
RGB	95, 152, 173
RGB Percent	37%, 60%, 68%
CMY	0.6274, 0.4039, 0.3216
CMYK	0.45, 0.12, 0.00, 0.32
HSL	196°, 32%, 53%
HSV	196°, 45%, 68%
XYZ	23.4904, 27.9065, 43.6836
YIQ	137.3510, -40.7130, -5.5530

Conversions

Conversions Part 2

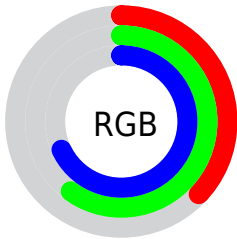
Format	Color
R_{YB}	95, 128, 173
Decimal	6265005
CIE _{Lab}	59.80, -12.97, -16.81
CIE _{LCh}	60, 21.230, 232.359
Yxy	27.9065, 0.2471, 0.2935
Android (android.graphics.Color)	4284455085 (0xFF5F98AD)
YUV	137.3510, 17.5750, -37.1418
Hunter-Lab	52.8266, -13.0730, -12.0497

Details

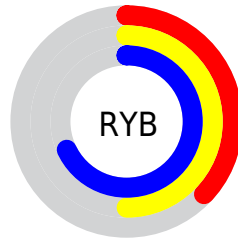
The XYZ color **23.4904, 27.9065, 43.6836** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5452, 22.2019, 13.7664**, and the grayscale version is **23.8580, 25.1005, 27.3344**.

A 20% lighter version of the original color is **48.4693, 56.1336, 81.6791**, and **8.9799, 11.1390, 19.7659** is the 20% darker color. If you saturate the color by 10%, you get **21.1480, 25.5993, 43.3622**, and if you desaturate by 10%, it is **26.2633, 30.4810, 44.0349**.

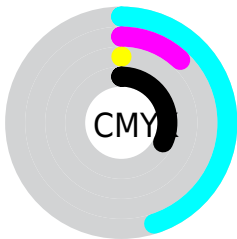
Distribution



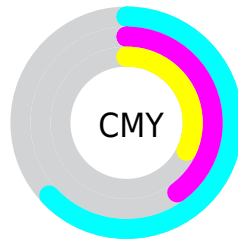
- Red (37%)
- Green (60%)
- Blue (68%)



- Red (37%)
- Yellow (50%)
- Blue (68%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)



- Cyan (63%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4904, 27.9065, 43.6836 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 23.4904, 27.9065, 43.6836 by changing the saturation by 10% instead.

■ 23.4904, 27.9065,
43.6836

■ 23.4904, 27.9065,
43.6836

262.7224,
292.0199, 377.4191

■ 15.0787, 18.2552,
30.0865

■ 48.6581, 56.3351,
82.0388

■ 8.9613, 11.1334,
19.6516

■ 66.1448, 75.8812,
107.6340

■ 4.7729, 6.1566,
11.9605

■ 87.3872, 99.4944,
138.0656

■ 2.1480, 2.9405,
6.5946

■ 112.7507,
127.5590, 173.7522

■ 0.7151, 1.1008,
3.1353

142.6006,
160.4595, 215.1123

■ 0.0000, 0.0000,
1.1641

177.3023,

■ 0.0000, 0.0000,

198.5802, 262.5644

0.0000

217.2211,
242.3055, 316.5272

■ 23.4904, 27.9065,
43.6836

■ 23.4904, 27.9065,
43.6836

■ 21.1480, 25.5993,
43.3622

■ 26.2633, 30.4810,
44.0349

■ 19.2065, 23.5417,
43.0674

■ 29.4887, 33.3326,
44.4153

■ 17.6363, 21.7186,
42.7982

■ 33.1900, 36.4748,
44.8267

■ 16.4025, 20.1114,
42.5531

■ 37.3886, 39.9187,
45.2702

■ 15.4621, 18.6975,
42.3297

■ 42.1040, 43.6751,
45.7467

■ 15.0583, 18.0480,
42.2256

■ 47.3549, 47.7540,
46.2572

■ 53.1592, 52.1650,
46.8027

■ 59.5336, 56.9174,
47.3841

■ 66.4943, 62.0197,
48.0021

Harmonies

Analogous

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



22.0243, 27.9065, 36.3736



23.4904, 27.9065, 43.6836



25.8428, 27.9065, 47.5509

Triad

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



23.4904, 27.9065, 43.6836



31.9858, 27.9065, 32.3970



24.6056, 27.9065, 18.6456

Complementary

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



23.4904, 27.9065, 43.6836



25.5452, 22.2019, 13.7664

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.



27.2177, 27.9065, 17.9455



23.4904, 27.9065, 43.6836



31.5989, 27.9065, 25.0934

Square

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



23.4904, 27.9065, 43.6836



30.8327, 27.9065, 40.3551



29.8088, 27.9065, 20.1037



22.6372, 27.9065, 22.2099

Rectangle

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



23.4904, 27.9065, 43.6836



27.6464, 27.9065, 47.2661



29.8088, 27.9065, 20.1037



25.4329, 27.9065, 18.0950

Sweetspot

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



23.4913, 27.9076, 43.6843



60.0382, 65.8210, 80.3461



22.8044, 33.5770, 21.7421



12.7272, 14.0370, 17.4263



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.



23.4913, 27.9076, 43.6843



37.9288, 45.9018, 77.6666



18.1904, 17.3059, 41.9173



8.0512, 8.7018, 10.2080



11.1114, 13.3567, 31.0370



0.3511, 0.4555, 0.8774

Inverse Universe

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



26.9941, 19.3365, 32.0164



45.2269, 29.4523, 53.0408



30.9879, 33.0874, 15.5806



8.2437, 8.1107, 9.5939



15.4722, 7.6514, 15.3978



0.4516, 0.2213, 0.5399

Previews

White Background



This preview shows how the XYZ color 23.4904, 27.9065, 43.6836 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 23.4904, 27.9065, 43.6836 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 23.4904, 27.9065, 43.6836

Background



This preview shows how black text looks on a background with the XYZ color 23.4904, 27.9065, 43.6836.



This preview shows how white text looks on a background with the XYZ color 23.4904, 27.9065,

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

23.4904, 27.9065, 43.6836

Protanopia

27.2034, 27.5881, 39.9677

Deuteranopia

28.1005, 27.5140, 44.3871



Tritanopia

22.7884, 27.8628, 40.2534

Trichromacy



Original Color

23.4904, 27.9065, 43.6836

Protanomaly

25.6087, 27.6333, 41.5202

Deuteranomaly

25.9254, 27.2876, 43.9450

Tritanomaly

23.1688, 28.0267, 41.7247

Monochromacy



Original Color

23.4904, 27.9065, 43.6836

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2041, 25.6856, 32.5890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4904, 27.9065, 43.6836 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(95, 152, 173)` looks like.

```
.text, #text, p{  
    color:rgb(95, 152, 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(95, 152, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 152, 173) }
```

Border

The CSS property to change the border of an element to XYZ 23.4904, 27.9065, 43.6836 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(95, 152, 173) }
```


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

```
.border{ border-color:rgb(95, 152, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 152, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 152, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 152, 173);  
box-shadow:4px 4px 4px 4px rgb(95, 152,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4904, 27.9065, 43.6836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 152, 173) }
```

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

```
.background{ background-color: rgb(95, 152,  
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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