

Converting Colors

XYZ(18.4947, 23.5525, 27.1015)

Have a look what the booklet for
XYZ(18.4947, 23.5525, 27.1015)
contains.

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Color

**XYZ(18.5543, 23.6247,
27.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	5A8F89
RGB	90, 143, 137
RGB Percent	35%, 56%, 54%
CMY	0.6470, 0.4392, 0.4627
CMYK	0.37, 0.00, 0.04, 0.44
HSL	173°, 23%, 46%
HSV	173°, 37%, 56%
XYZ	18.5543, 23.6247, 27.2490
YIQ	126.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

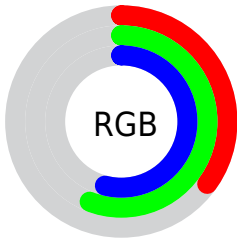
Format	Color
R_{YB}	90, 118, 143
Decimal	5934985
CIE _{Lab}	55.71, -19.05, -2.40
CIE _{LCh}	56, 19.196, 187.175
Yxy	23.6247, 0.2672, 0.3403
Android (android.graphics.Color)	4284125065 (0xFF5A8F89)
YUV	126.4690, 5.1918, -31.9833
Hunter-Lab	48.6052, -16.9196, 0.7846

Details

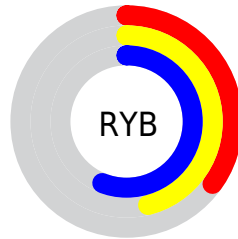
The XYZ color **18.5543, 23.6247, 27.2490** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.0960, 13.9973, 12.8680**, and the grayscale version is **19.9816, 21.0222, 22.8932**.

A 20% lighter version of the original color is **40.4158, 49.4010, 56.1204**, and **6.3841, 8.7737, 10.3738** is the 20% darker color. If you saturate the color by 10%, you get **17.1799, 22.9301, 26.5833**, and if you desaturate by 10%, it is **20.1995, 24.4599, 27.9375**.

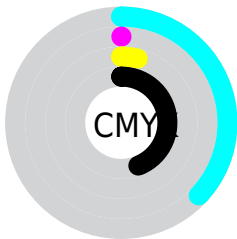
Distribution



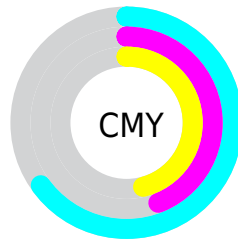
- Red (35%)
- Green (56%)
- Blue (54%)



- Red (35%)
- Yellow (46%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5543, 23.6247, 27.2490 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 18.5543, 23.6247, 27.2490 by changing the saturation by 10% instead.

■ 18.5543, 23.6247,
27.2490

■ 18.5543, 23.6247,
27.2490

236.9627,
270.9176, 302.6589

■ 11.4508, 15.0555,
17.5262

■ 40.5023, 49.4171,
56.2918

■ 6.4404, 8.8583,
10.4445

■ 56.0775, 67.4090,
76.4488

■ 3.1579, 4.6489,
5.5852

■ 75.2073, 89.3106,
100.9211

■ 1.2378, 2.0428,
2.5299

■ 98.2571, 115.5062,
130.1271

■ 0.1359, 0.6321,
0.8559

125.5921,
146.3804, 164.4853

■ 0.0000, 0.0000,
0.0000

157.5778,

182.3174, 204.4143

194.5796,
223.7016, 250.3327

■ 18.5543, 23.6247,
27.2490

■ 18.5543, 23.6247,
27.2490

■ 17.1799, 22.9301,
26.5833

■ 20.1995, 24.4599,
27.9375

■ 16.0587, 22.3652,
25.9380

■ 22.1276, 25.4401,
28.6479

■ 15.1745, 21.9223,
25.3128

■ 24.3524, 26.5731,
29.3813

■ 14.5082, 21.5916,
24.7068

■ 26.8863, 27.8653,
30.1384

■ 14.0379, 21.3616,
24.1189

■ 29.7409, 29.3226,
30.9198

■ 13.7248, 21.2125,
23.5473

■ 32.9274, 30.9507,
31.7260

■ 13.6412, 21.1730,
23.3814

■ 36.4561, 32.7551,
32.5576

■ 40.3372, 34.7409,
33.4150

■ 44.5803, 36.9131,
34.2988

Harmonies

Analogous

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



18.8151, 23.6247, 21.3498



18.5543, 23.6247, 27.2490



19.2834, 23.6247, 33.6635

Triad

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



18.5543, 23.6247, 27.2490



25.0785, 23.6247, 36.4996



24.1168, 23.6247, 16.1851

Complementary

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



18.5543, 23.6247, 27.2490



17.0960, 13.9973, 12.8680

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.



25.9556, 23.6247, 19.1415



18.5543, 23.6247, 27.2490



26.5354, 23.6247, 30.6566

Square

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



18.5543, 23.6247, 27.2490



22.9812, 23.6247, 39.5360



26.8664, 23.6247, 24.2556



21.9361, 23.6247, 15.5729

Rectangle

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



18.5543, 23.6247, 27.2490



20.2623, 23.6247, 37.1623



26.8664, 23.6247, 24.2556



24.7995, 23.6247, 16.9115

Sweetspot

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



18.5550, 23.6256, 27.2495



41.8821, 46.7064, 52.0626



16.5119, 22.8808, 13.2196



9.4950, 10.6551, 11.9031



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.



18.5550, 23.6256, 27.2495



31.2512, 41.3081, 47.8560



16.2189, 18.2452, 28.6544



5.5343, 6.1060, 6.7796



12.0657, 18.7222, 20.6982



0.1202, 0.1809, 0.2234

Inverse Universe

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



17.0960, 13.9973, 12.8680



28.2710, 21.6117, 18.4578



18.7842, 17.7990, 12.1190



5.4322, 5.4334, 5.7739



10.1042, 5.1987, 0.9343



0.1005, 0.0513, 0.0295

Previews

White Background



This preview shows how the XYZ color 18.5543, 23.6247, 27.2490 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 18.5543, 23.6247, 27.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

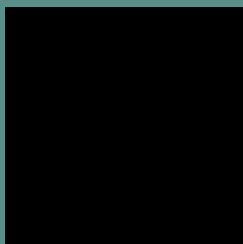
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5543, 23.6247, 27.2490

Background



This preview shows how black text looks on a background with the XYZ color 18.5543, 23.6247, 27.2490.



This preview shows how white text looks on a background with the XYZ color 18.5543, 23.6247,

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

18.5543, 23.6247, 27.2490

Protanopia

22.5013, 23.3755, 24.7987

Deuteranopia

23.9116, 23.4336, 28.0738



Tritanopia

19.8085, 23.6964, 33.2356

Trichromacy



Original Color

18.5543, 23.6247, 27.2490

Protanomaly

20.6455, 23.2237, 25.5848

Deuteranomaly

21.4975, 23.1994, 27.7710

Tritanomaly

19.4537, 23.7797, 31.1684

Monochromacy



Original Color

18.5543, 23.6247, 27.2490

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0906, 21.6249, 24.2869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5543, 23.6247, 27.2490 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(90, 143, 137)` looks like.

```
.text, #text, p{  
    color:rgb(90, 143, 137)  
}
```

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(90, 143, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 143, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.5543, 23.6247, 27.2490 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(90, 143, 137) }
```


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

```
.border{ border-color:rgb(90, 143, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 143, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 143, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 143, 137);  
box-shadow:4px 4px 4px 4px rgb(90, 143,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5543, 23.6247, 27.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 143, 137) }
```

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

```
.background{ background-color: rgb(90, 143,  
137) }
```

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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