

Converting Colors

XYZ(18.7491, 21.0462, 34.2730)

Have a look what the booklet for
XYZ(18.7491, 21.0462, 34.2730)
contains.

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Color

**XYZ(18.6488, 20.9788,
34.0768)**

Conversions

Conversions Part 1

Format	Color
Hex	5E839B
RGB	94, 131, 155
RGB Percent	37%, 51%, 61%
CMY	0.6314, 0.4863, 0.3922
CMYK	0.39, 0.15, 0.00, 0.39
HSL	204°, 24%, 49%
HSV	204°, 39%, 61%
XYZ	18.6488, 20.9788, 34.0768
YIQ	122.6730, -29.7560, -0.3800

Conversions

Conversions Part 2

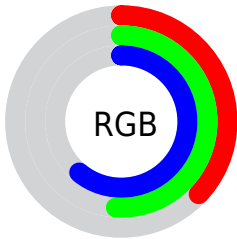
Format	Color
R _Y B	94, 117, 155
Decimal	6194075
CIE Lab	52.93, -6.56, -16.95
CIE LCh	53, 18.173, 248.857
Yxy	20.9788, 0.2530, 0.2846
Android (android.graphics.Color)	4284384155 (0xFF5E839B)
YUV	122.6730, 15.9372, -25.1462
Hunter-Lab	45.8026, -7.4773, -12.0495

Details

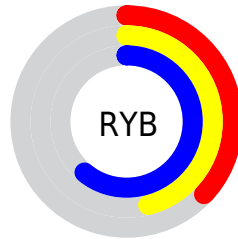
The XYZ color **18.6488, 20.9788, 34.0768** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0169, 20.7342, 13.4321**, and the grayscale version is **18.6759, 19.6485, 21.3972**.

A 20% lighter version of the original color is **40.6817, 45.0875, 66.8802**, and **6.5122, 7.5477, 14.2103** is the 20% darker color. If you saturate the color by 10%, you get **16.4212, 18.6505, 33.7452**, and if you desaturate by 10%, it is **21.2452, 23.5697, 34.4404**.

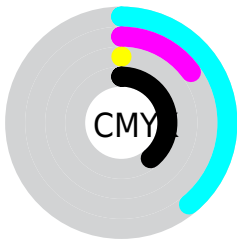
Distribution



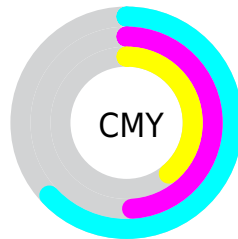
- Red (37%)
- Green (51%)
- Blue (61%)



- Red (37%)
- Yellow (46%)
- Blue (61%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (63%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6488, 20.9788, 34.0768 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 18.6488, 20.9788, 34.0768 by changing the saturation by 10% instead.

■ 18.6488, 20.9788,
34.0768

■ 18.6488, 20.9788,
34.0768

237.4785,
257.1658, 335.2540

■ 11.5193, 13.1085,
22.6748

■ 40.6613, 45.0522,
67.1883

■ 6.4871, 7.5033,
14.1505

■ 56.2750, 62.0242,
89.7349

■ 3.1869, 3.7788,
8.0855

■ 75.4474, 82.7988,
116.8335

■ 1.2534, 1.5506,
4.0611

■ 98.5440, 107.7605,
148.9024

■ 0.1479, 0.3240,
1.6589

125.9300,
137.2936, 186.3605

■ 0.0000, 0.0000,
0.3324

157.9709,

■ 0.0000, 0.0000,

171.7826, 229.6260

0.0000

195.0319,
211.6119, 279.1177

■ 18.6488, 20.9788,
34.0768

■ 18.6488, 20.9788,
34.0768

■ 16.4212, 18.6505,
33.7452

■ 21.2452, 23.5697,
34.4404

■ 14.5403, 16.5709,
33.4429

■ 24.2267, 26.4315,
34.8356

■ 12.9846, 14.7280,
33.1692

■ 27.6112, 29.5749,
35.2640

■ 11.7292, 13.1077,
32.9226

■ 31.4147, 33.0093,
35.7265

■ 10.7452, 11.6938,
32.7016

■ 35.6523, 36.7438,
36.2239

■ 9.9685, 10.4520,
32.5028

■ 40.3383, 40.7867,
36.7573

■ 9.9208, 10.3752,
32.4905

■ 45.4864, 45.1461,
37.3274

■ 51.1096, 49.8298,
37.9351

■ 57.2206, 54.8453,
38.5811

Harmonies

Analogous

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



17.2239, 20.9788, 30.0680



18.6488, 20.9788, 34.0768



20.5085, 20.9788, 34.8403

Triad

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



18.6488, 20.9788, 34.0768



23.7782, 20.9788, 21.2665



17.7310, 20.9788, 15.6150

Complementary

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



18.6488, 20.9788, 34.0768



22.0169, 20.7342, 13.4321

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.



19.3816, 20.9788, 13.9736



18.6488, 20.9788, 34.0768



22.9270, 20.9788, 16.8783

Square

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



18.6488, 20.9788, 34.0768



23.5510, 20.9788, 26.8346



21.2889, 20.9788, 14.3961



16.7179, 20.9788, 19.2671

Rectangle

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



18.6488, 20.9788, 34.0768



21.7584, 20.9788, 33.3047



21.2889, 20.9788, 14.3961



18.2253, 20.9788, 14.8385

Sweetspot

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



18.6495, 20.9796, 34.0773



47.6263, 51.2903, 62.9261



19.5715, 27.1163, 21.1512



10.6141, 11.4559, 14.2222



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.6495, 20.9796, 34.0773



29.9423, 33.9719, 60.5154



15.1982, 14.0770, 32.9269



6.1805, 6.6183, 7.8807



8.0061, 8.4090, 26.1088



0.1550, 0.1963, 0.4021

Inverse Universe

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



21.6176, 16.6134, 23.5408



36.1610, 25.6347, 38.2583



26.1101, 28.9205, 14.7964



6.3582, 6.2824, 7.2664



12.4999, 6.2542, 9.1574



0.2047, 0.1006, 0.2307

Previews

White Background



This preview shows how the XYZ color 18.6488, 20.9788, 34.0768 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 18.6488, 20.9788, 34.0768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

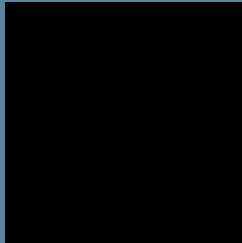
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6488, 20.9788, 34.0768

Background



This preview shows how black text looks on a background with the XYZ color 18.6488, 20.9788, 34.0768.



This preview shows how white text looks on a background with the XYZ color 18.6488, 20.9788,

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

18.6488, 20.9788, 34.0768

Protanopia

20.6653, 20.8947, 32.2221

Deuteranopia

21.3371, 20.8112, 34.7907



Tritanopia

17.7360, 21.0128, 29.5067

Trichromacy



Original Color

18.6488, 20.9788, 34.0768

Protanomaly

19.8124, 20.8252, 32.6812

Deuteranomaly

20.1437, 20.7668, 34.3992

Tritanomaly

18.0102, 20.9160, 31.1049

Monochromacy



Original Color

18.6488, 20.9788, 34.0768

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5161, 20.1157, 25.8285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6488, 20.9788, 34.0768 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(94, 131, 155)` looks like.

```
.text, #text, p{  
  color:rgb(94, 131, 155)  
}
```

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(94, 131, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 131, 155) }
```

Border

The CSS property to change the border of an element to XYZ 18.6488, 20.9788, 34.0768 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(94, 131, 155) }
```


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

```
.border{ border-color:rgb(94, 131, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 131, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 131, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 131, 155);  
box-shadow:4px 4px 4px 4px rgb(94, 131,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6488, 20.9788, 34.0768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 131, 155) }
```

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

```
.background{ background-color: rgb(94, 131,  
155) }
```

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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