

Converting Colors

XYZ(19.7051, 25.8116, 37.6623)

Have a look what the booklet for
XYZ(19.7051, 25.8116, 37.6623)
contains.

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Color

**XYZ(19.7464, 25.8647,
37.6699)**

Conversions

Conversions Part 1

Format	Color
Hex	4297A1
RGB	66, 151, 161
RGB Percent	26%, 59%, 63%
CMY	0.7412, 0.4078, 0.3686
CMYK	0.59, 0.06, 0.00, 0.37
HSL	186°, 42%, 45%
HSV	186°, 59%, 63%
XYZ	19.7464, 25.8647, 37.6699
YIQ	126.7250, -53.8700, -14.9100

Conversions

Conversions Part 2

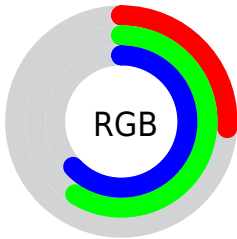
Format	Color
RYB	66, 111, 161
Decimal	4364193
CIELab	57.91, -22.44, -12.97
CIELCh	58, 25.919, 210.038
Yxy	25.8647, 0.2371, 0.3106
Android (android.graphics.Color)	4282554273 (0xFF4297A1)
YUV	126.7250, 16.8976, -53.2558
Hunter-Lab	50.8573, -19.6941, -8.3158

Details

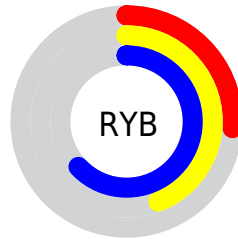
The XYZ color **19.7464, 25.8647, 37.6699** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.2663, 13.1399, 6.7285**, and the grayscale version is **20.0365, 21.0799, 22.9561**.

A 20% lighter version of the original color is **42.3944, 52.8315, 72.9288**, and **7.3175, 10.2185, 16.0547** is the 20% darker color. If you saturate the color by 10%, you get **18.5400, 24.8414, 37.5364**, and if you desaturate by 10%, it is **21.2636, 27.0552, 37.8202**.

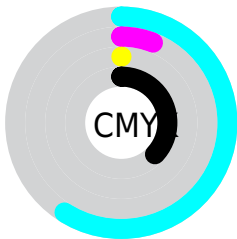
Distribution



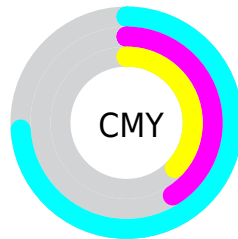
- Red (26%)
- Green (59%)
- Blue (63%)



- Red (26%)
- Yellow (44%)
- Blue (63%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (74%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7464, 25.8647, 37.6699 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 19.7464, 25.8647, 37.6699 by changing the saturation by 10% instead.

■ 19.7464, 25.8647,
37.6699

■ 19.7464, 25.8647,
37.6699

243.3987,
282.1173, 351.4574

■ 12.3180, 16.7224,
25.4267

■ 42.4988, 53.0566,
72.7997

■ 7.0344, 10.0368,
16.1734

■ 58.5535, 71.8750,
96.5234

■ 3.5301, 5.4234,
9.4912

■ 78.2144, 94.6876,
124.9111

■ 1.4399, 2.4977,
4.9618

■ 101.8468,
121.8788, 158.3812

■ 0.2844, 0.8755,
2.1665

■ 129.8161,
153.8330, 197.3524

■ 0.0000, 0.0000,
0.6549

162.4876,

■ 0.0000, 0.0000,

190.9345, 242.2431

0.0000

200.2267,
233.5678, 293.4720

■ 19.7464, 25.8647,
37.6699

■ 19.7464, 25.8647,
37.6699

■ 18.5400, 24.8414,
37.5364

■ 21.2636, 27.0552,
37.8202

■ 17.6157, 23.9687,
37.4167

■ 23.1126, 28.4220,
37.9866

■ 16.9434, 23.2317,
37.3099

■ 25.3152, 29.9770,
38.1706

■ 16.4605, 22.5981,
37.2130

■ 27.8908, 31.7302,
38.3733

■ 16.4148, 22.5365,
37.2036

■ 30.8572, 33.6907,
38.5953

■ 34.2312, 35.8673,
38.8376

■ 38.0286, 38.2682,
39.1009

■ 42.2643, 40.9009,
39.3858

■ 46.9524, 43.7729,
39.6931

Harmonies

Analogous

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



19.0582, 25.8647, 28.1736



19.7464, 25.8647, 37.6699



21.7070, 25.8647, 45.8278

Triad

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



19.7464, 25.8647, 37.6699



30.1571, 25.8647, 37.6461



24.5797, 25.8647, 14.2360

Complementary

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



19.7464, 25.8647, 37.6699



18.2663, 13.1399, 6.7285

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.



27.7038, 25.8647, 15.7437



19.7464, 25.8647, 37.6699



31.0854, 25.8647, 28.1510

Square

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



19.7464, 25.8647, 37.6699



27.7112, 25.8647, 45.8122



30.1526, 25.8647, 20.4063



21.7007, 25.8647, 15.7514

Rectangle

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



19.7464, 25.8647, 37.6699



23.5601, 25.8647, 48.7049



30.1526, 25.8647, 20.4063



25.6364, 25.8647, 14.4011

Sweetspot

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



19.7472, 25.8657, 37.6705



50.2809, 57.0473, 68.7477



16.2795, 27.1635, 11.1325



10.7314, 12.3125, 15.0546



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.7472, 25.8657, 37.6705



32.5983, 43.9390, 67.1495



13.6308, 13.6329, 35.6317



7.2122, 7.8833, 9.0446



13.1274, 18.0341, 29.7188



0.2928, 0.4129, 0.6301

Inverse Universe

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



22.2328, 13.7086, 30.7534



37.6510, 20.7404, 52.7487



22.7649, 22.1371, 8.2280



7.3321, 7.1893, 8.7350



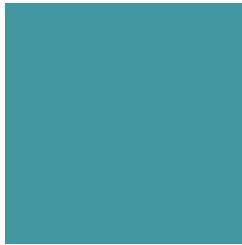
15.7716, 7.6647, 21.7854



0.3400, 0.1645, 0.5029

Previews

White Background



This preview shows how the XYZ color 19.7464, 25.8647, 37.6699 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 19.7464, 25.8647, 37.6699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

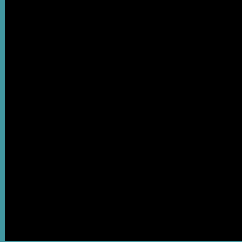
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.7464, 25.8647, 37.6699

Background



This preview shows how black text looks on a background with the XYZ color 19.7464, 25.8647, 37.6699.

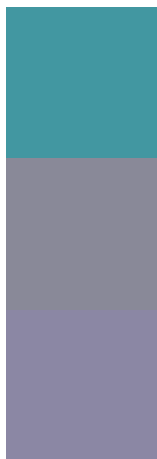


This preview shows how white text looks on a background with the XYZ color 19.7464, 25.8647,

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

19.7464, 25.8647, 37.6699

Protanopia

24.9297, 25.4767, 33.3093

Deuteranopia

26.0123, 25.4972, 38.6724



Tritanopia

19.9922, 25.9709, 38.6095

Trichromacy



Original Color

19.7464, 25.8647, 37.6699

Protanomaly

22.1449, 25.0921, 34.6864

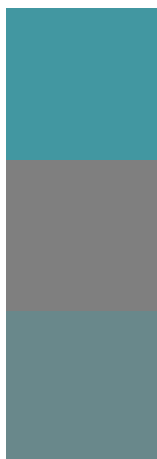
Deuteranomaly

22.8178, 25.1388, 38.3000

Tritanomaly

19.9029, 25.9351, 38.1394

Monochromacy



Original Color

19.7464, 25.8647, 37.6699

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.2901, 22.4757, 27.7476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7464, 25.8647, 37.6699 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(66, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(66, 151, 161)  
}
```

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(66, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 151, 161) }
```

Border

The CSS property to change the border of an element to XYZ 19.7464, 25.8647, 37.6699 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(66, 151, 161) }
```


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

```
.border{ border-color:rgb(66, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(66, 151,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7464, 25.8647, 37.6699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 151, 161) }
```

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

```
.background{ background-color: rgb(66, 151,  
161) }
```

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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