

Converting Colors

XYZ(19.6049, 26.6881, 37.7503)

Have a look what the booklet for
XYZ(19.6049, 26.6881, 37.7503)
contains.

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Color

**XYZ(19.6757, 26.8002,
37.8541)**

Conversions

Conversions Part 1

Format	Color
Hex	369BA1
RGB	54, 155, 161
RGB Percent	21%, 61%, 63%
CMY	0.7882, 0.3921, 0.3686
CMYK	0.66, 0.04, 0.00, 0.37
HSL	183°, 50%, 42%
HSV	183°, 66%, 63%
XYZ	19.6757, 26.8002, 37.8541
YIQ	125.4850, -62.1220, -19.5460

Conversions

Conversions Part 2

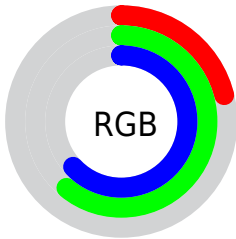
Format	Color
R_{YB}	54, 106, 161
Decimal	3578785
CIE _{Lab}	58.79, -26.59, -11.68
CIE _{LCh}	59, 29.041, 203.725
Yxy	26.8002, 0.2333, 0.3178
Android (android.graphics.Color)	4281768865 (0xFF369BA1)
YUV	125.4850, 17.5089, -62.6923
Hunter-Lab	51.7689, -22.7535, -7.1154




Details

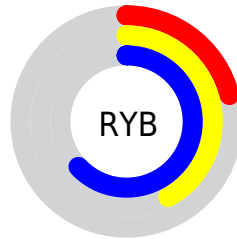
The XYZ color **19.6757, 26.8002, 37.8541** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.9802, 11.0758, 4.7337**, and the grayscale version is **19.6153, 20.6368, 22.4735**.




A 20% lighter version of the original color is **42.5115, 54.6959, 73.2825**, and **7.6647, 10.8263, 16.4376** is the 20% darker color. If you saturate the color by 10%, you get **18.8011, 26.1277, 37.7709**, and if you desaturate by 10%, it is **20.8391, 27.6244, 37.9524**.

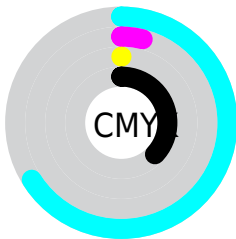
Distribution







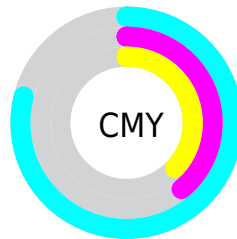
-  Red (21%)
-  Green (61%)
-  Blue (63%)






-  Red (21%)
-  Yellow (42%)
-  Blue (63%)



-  Cyan (66%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (79%)
-  Magenta (39%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6757, 26.8002, 37.8541 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 19.6757, 26.8002, 37.8541 by changing the saturation by 10% instead.

■ 19.6757, 26.8002,
37.8541

■ 19.6757, 26.8002,
37.8541

243.0212,
286.6884, 352.2731

■ 12.2664, 17.4232,
25.5685

■ 42.3809, 54.5631,
73.0854

■ 6.9989, 10.5367,
16.2783

■ 58.4075, 73.7178,
96.8682

■ 3.5077, 5.7562,
9.5648

■ 78.0373, 96.9005,
125.3205

■ 1.4276, 2.6974,
5.0096

■ 101.6357,
124.4957, 158.8608

■ 0.2758, 0.9759,
2.1940

■ 129.5678,
156.8876, 197.9077

■ 0.0000, 0.0000,
0.6709

162.1993,

■ 0.0000, 0.0000,

194.4608, 242.8796

0.0000

199.8953,
237.5996, 294.1953

■ 19.6757, 26.8002,
37.8541

■ 19.6757, 26.8002,
37.8541

■ 18.8011, 26.1277,
37.7709

■ 20.8391, 27.6244,
37.9524

■ 18.1833, 25.5887,
37.6994

■ 22.3144, 28.6104,
38.0649

■ 17.7806, 25.1623,
37.6383

■ 24.1249, 29.7710,
38.1935

■ 17.6572, 25.0215,
37.6177

■ 26.2913, 31.1167,
38.3391

■ 28.8326, 32.6573,
38.5025

■ 31.7662, 34.4019,
38.6846

■ 35.1086, 36.3589,
38.8862

■ 38.8754, 38.5363,
39.1080

■ 43.0812, 40.9418,
39.3506

Harmonies

Analogous

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



19.2241, 26.8002, 27.0783



19.6757, 26.8002, 37.8541



21.6128, 26.8002, 48.1366

Triad

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



19.6757, 26.8002, 37.8541



31.4357, 26.8002, 42.4700



26.2327, 26.8002, 13.6427

Complementary

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



19.6757, 26.8002, 37.8541



16.9802, 11.0758, 4.7337

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.



29.7670, 26.8002, 15.9972



19.6757, 26.8002, 37.8541



32.9470, 26.8002, 31.3895

Square

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



19.6757, 26.8002, 37.8541



28.3443, 26.8002, 51.2086



32.3095, 26.8002, 21.9453



22.8021, 26.8002, 14.5966

Rectangle

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



19.6757, 26.8002, 37.8541



23.5917, 26.8002, 52.4938



32.3095, 26.8002, 21.9453



27.4513, 26.8002, 14.0515

Sweetspot

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



19.6765, 26.8012, 37.8547



49.7702, 57.3617, 68.8353



15.0654, 26.5940, 8.5254



10.6539, 12.4217, 15.0798



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.



19.6765, 26.8012, 37.8547



33.0584, 46.2767, 67.5765



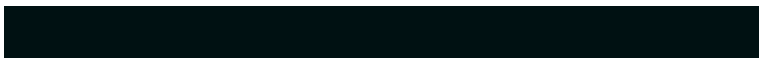
12.7213, 12.8907, 35.5363



7.2420, 7.9429, 9.0545



14.1122, 20.0037, 30.0471



0.3061, 0.4394, 0.6345

Inverse Universe

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



21.9342, 12.5827, 32.2841



37.5372, 19.3702, 56.2336



21.2529, 19.6211, 6.1579



7.3471, 7.1953, 8.8142



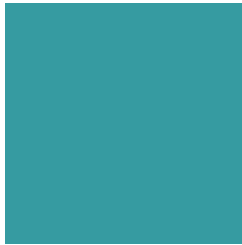
16.2686, 7.8635, 24.4030



0.3467, 0.1672, 0.5381

Previews

White Background



This preview shows how the XYZ color 19.6757, 26.8002, 37.8541 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 19.6757, 26.8002, 37.8541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

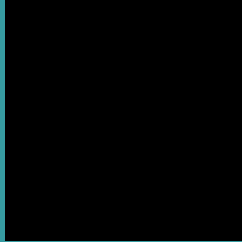
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6757, 26.8002, 37.8541

Background



This preview shows how black text looks on a background with the XYZ color 19.6757, 26.8002, 37.8541.

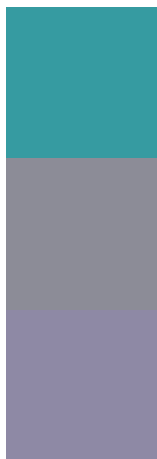


This preview shows how white text looks on a background with the XYZ color 19.6757, 26.8002,

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

19.6757, 26.8002, 37.8541

Protanopia

25.7792, 26.5660, 33.0472

Deuteranopia

26.8925, 26.3587, 39.2677



Tritanopia

20.2180, 26.7711, 40.6610

Trichromacy



Original Color

19.6757, 26.8002, 37.8541

Protanomaly

22.3485, 25.8686, 34.8256

Deuteranomaly

23.1045, 25.9419, 38.9115

Tritanomaly

19.9780, 26.6686, 39.6919

Monochromacy



Original Color

19.6757, 26.8002, 37.8541

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5372, 22.0959, 27.3327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6757, 26.8002, 37.8541 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(54, 155, 161)` looks like.

```
.text, #text, p{  
    color:rgb(54, 155, 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(54, 155, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 155, 161) }
```

Border

The CSS property to change the border of an element to XYZ 19.6757, 26.8002, 37.8541 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(54, 155, 161) }
```


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

```
.border{ border-color:rgb(54, 155, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 155, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 155, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 155, 161);  
box-shadow:4px 4px 4px 4px rgb(54, 155,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6757, 26.8002, 37.8541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 155, 161) }
```

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

```
.background{ background-color: rgb(54, 155,  
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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