

Converting Colors

XYZ(21.4460, 26.1144, 37.1769)

Have a look what the booklet for
XYZ(21.4460, 26.1144, 37.1769)
contains.

XYZ(21.3487, 25.9932, 37.1497)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.3487, 25.9932,
37.1497)**

Conversions

Conversions Part 1

Format	Color
Hex	5C94A0
RGB	92, 148, 160
RGB Percent	36%, 58%, 63%
CMY	0.6392, 0.4196, 0.3725
CMYK	0.42, 0.07, 0.00, 0.37
HSL	191°, 27%, 49%
HSV	191°, 42%, 63%
XYZ	21.3487, 25.9932, 37.1497
YIQ	132.6240, -37.2280, -8.1400

Conversions

Conversions Part 2

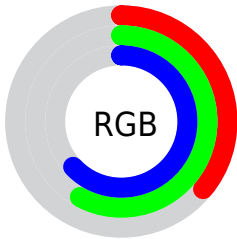
Format	Color
R_{YB}	92, 123, 160
Decimal	6067360
CIE _{Lab}	58.03, -15.16, -12.11
CIE _{LCh}	58, 19.407, 218.624
Yxy	25.9932, 0.2527, 0.3076
Android (android.graphics.Color)	4284257440 (0xFF5C94A0)
YUV	132.6240, 13.4964, -35.6272
Hunter-Lab	50.9835, -14.4766, -7.5138

Details

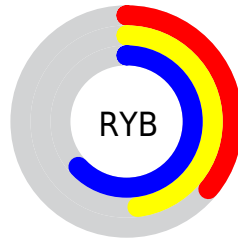
The XYZ color **21.3487, 25.9932, 37.1497** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3797, 18.1473, 12.5018**, and the grayscale version is **22.1207, 23.2727, 25.3439**.

A 20% lighter version of the original color is **45.2403, 53.2583, 72.1854**, and **7.8343, 10.0656, 15.9979** is the 20% darker color. If you saturate the color by 10%, you get **19.4788, 24.3804, 36.9374**, and if you desaturate by 10%, it is **23.5686, 27.8037, 37.3826**.

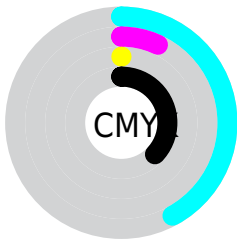
Distribution



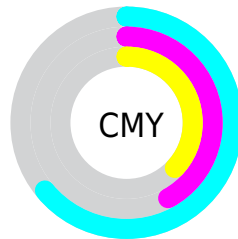
- Red (36%)
- Green (58%)
- Blue (63%)



- Red (36%)
- Yellow (48%)
- Blue (63%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3487, 25.9932, 37.1497 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 21.3487, 25.9932, 37.1497 by changing the saturation by 10% instead.

■ 21.3487, 25.9932,
37.1497

■ 21.3487, 25.9932,
37.1497

251.8227,
282.7487, 349.1464

■ 13.4930, 16.8186,
25.0267

■ 45.1541, 53.2640,
71.9919

■ 7.8483, 10.1052,
15.8778

■ 61.8345, 72.1289,
95.5481

■ 4.0490, 5.4688,
9.2843

■ 82.1872, 94.9927,
123.7526

■ 1.7299, 2.5248,
4.8277

■ 106.5776,
122.2398, 157.0237

■ 0.4749, 0.8890,
2.0896

135.3709,
154.2545, 195.7802

■ 0.0000, 0.0000,
0.6096

168.9327,

■ 0.0000, 0.0000,

191.4213, 240.4404

0.0000

207.6281,
234.1246, 291.4229

■ 21.3487, 25.9932,
37.1497

■ 21.3487, 25.9932,
37.1497

■ 19.4788, 24.3804,
36.9374

■ 23.5686, 27.8037,
37.3826

■ 17.9350, 22.9510,
36.7429

■ 26.1557, 29.8190,
37.6352

■ 16.6941, 21.6936,
36.5656

■ 29.1289, 32.0496,
37.9091

■ 15.7287, 20.5939,
36.4042

■ 32.5052, 34.5044,
38.2050

■ 15.0063, 19.6351,
36.2572

■ 36.3005, 37.1917,
38.5236

■ 14.5652, 18.9780,
36.1536

■ 40.5298, 40.1193,
38.8658

■ 45.2074, 43.2946,
39.2322

■ 50.3469, 46.7249,
39.6234

■ 55.9612, 50.4169,
40.0401

Harmonies

Analogous

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



20.5116, 25.9932, 30.2825



21.3487, 25.9932, 37.1497



23.0989, 25.9932, 42.1065

Triad

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



21.3487, 25.9932, 37.1497



29.1457, 25.9932, 33.2733



24.0360, 25.9932, 17.3608

Complementary

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



21.3487, 25.9932, 37.1497



21.3797, 18.1473, 12.5018

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.



26.3855, 25.9932, 17.9021



21.3487, 25.9932, 37.1497



29.4359, 25.9932, 26.4101

Square

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



21.3487, 25.9932, 37.1497



27.6277, 25.9932, 39.6337



28.3975, 25.9932, 20.9843



21.9974, 25.9932, 19.3668

Rectangle

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



21.3487, 25.9932, 37.1497



24.5977, 25.9932, 43.2696



28.3975, 25.9932, 20.9843



24.8142, 25.9932, 17.2584

Sweetspot

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



21.3495, 25.9942, 37.1503



52.4579, 57.8736, 68.7924



19.4500, 28.4034, 17.3778



11.2464, 12.5007, 15.0638



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.



21.3495, 25.9942, 37.1503



35.5275, 44.4098, 67.0860



16.8522, 16.9997, 35.6512



6.7222, 7.3102, 8.4634



11.3745, 14.8406, 28.1723



0.2272, 0.3131, 0.5117

Inverse Universe

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



23.6703, 17.2667, 30.1033



40.4447, 26.8932, 51.9368



25.4226, 26.2331, 13.8495



6.8539, 6.7345, 8.0817



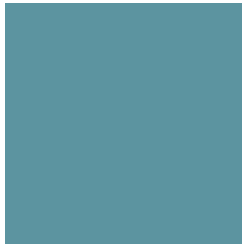
14.5396, 7.1204, 17.6241



0.2720, 0.1321, 0.3786

Previews

White Background



This preview shows how the XYZ color 21.3487, 25.9932, 37.1497 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 21.3487, 25.9932, 37.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

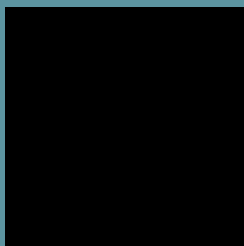
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

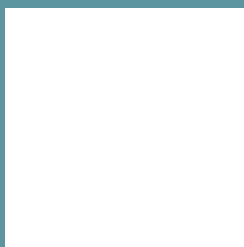
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3487, 25.9932, 37.1497

Background



This preview shows how black text looks on a background with the XYZ color 21.3487, 25.9932, 37.1497.



This preview shows how white text looks on a background with the XYZ color 21.3487, 25.9932,

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

21.3487, 25.9932, 37.1497

Protanopia

25.2377, 25.8284, 34.2271

Deuteranopia

26.3995, 25.9154, 38.2611



Tritanopia

21.3487, 25.9932, 37.1497

Trichromacy



Original Color

21.3487, 25.9932, 37.1497

Protanomaly

23.5589, 25.8112, 35.1929

Deuteranomaly

24.0680, 25.5758, 37.8505

Tritanomaly

21.3487, 25.9932, 37.1497

Monochromacy



Original Color

21.3487, 25.9932, 37.1497

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.5176, 24.0117, 29.4872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3487, 25.9932, 37.1497 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(92, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(92, 148, 160)  
}
```

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(92, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 148, 160) }
```

Border

The CSS property to change the border of an element to XYZ 21.3487, 25.9932, 37.1497 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(92, 148, 160) }
```


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

```
.border{ border-color:rgb(92, 148, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 148, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(92, 148,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3487, 25.9932, 37.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 148, 160) }
```

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

```
.background{ background-color: rgb(92, 148,  
160) }
```

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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