

Converting Colors

XYZ(21.2487, 27.9266, 23.6725)

Have a look what the booklet for
XYZ(21.2487, 27.9266, 23.6725)
contains.

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Color

**XYZ(21.2487, 27.9266,
23.6725)**

Conversions

Conversions Part 1

Format	Color
Hex	699B7D
RGB	105, 155, 125
RGB Percent	41%, 61%, 49%
CMY	0.5882, 0.3921, 0.5098
CMYK	0.32, 0.00, 0.19, 0.39
HSL	144°, 20%, 51%
HSV	144°, 32%, 61%
XYZ	21.2487, 27.9266, 23.6725
YIQ	136.6300, -20.1700, -19.9300

Conversions

Conversions Part 2

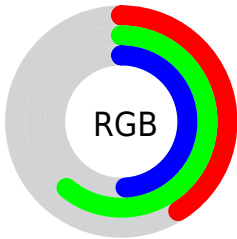
Format	Color
RYB	105, 141, 155
Decimal	6921085
CIELab	59.82, -23.36, 10.47
CIELCh	60, 25.598, 155.864
Yxy	27.9266, 0.2917, 0.3834
Android (android.graphics.Color)	4285111165 (0xFF699B7D)
YUV	136.6300, -5.7336, -27.7395
Hunter-Lab	52.8456, -20.7068, 10.4326

Details

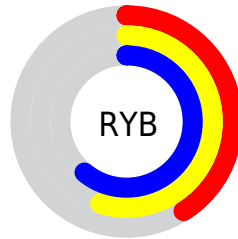
The XYZ color **21.2487, 27.9266, 23.6725** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9432, 18.8216, 25.3464**, and the grayscale version is **23.6652, 24.8977, 27.1136**.

A 20% lighter version of the original color is **45.1830, 56.5766, 50.6585**, and **7.8304, 11.2347, 8.5933** is the 20% darker color. If you saturate the color by 10%, you get **19.0249, 26.8464, 20.6111**, and if you desaturate by 10%, it is **23.8615, 29.2024, 27.0437**.

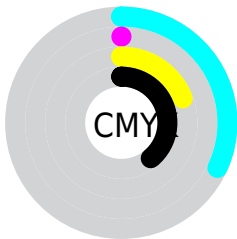
Distribution



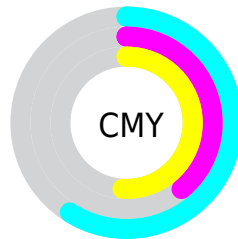
- Red (41%)
- Green (61%)
- Blue (49%)



- Red (41%)
- Yellow (55%)
- Blue (61%)



- Cyan (32%)
- Magenta (0%)
- Yellow (19%)
- Black (39%)



- Cyan (59%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2487, 27.9266, 23.6725 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 21.2487, 27.9266, 23.6725 by changing the saturation by 10% instead.

■ 21.2487, 27.9266,
23.6725

■ 21.2487, 27.9266,
23.6725

251.3040,
292.1160, 284.3936

■ 13.4194, 18.2703,
14.8809

■ 44.9892, 56.3672,
50.4324

■ 7.7970, 11.1442,
8.5902

■ 61.6312, 75.9204,
69.2377

■ 4.0160, 6.1639,
4.3817

■ 81.9414, 99.5413,
92.2180

■ 1.7112, 2.9450,
1.8370

■ 106.2853,
127.6144, 119.7919

■ 0.4633, 1.1031,
0.4522

135.0281,
160.5240, 152.3779

■ 0.0000, 0.0000,
0.0000

168.5353,

198.6545, 190.3944

207.1721,
242.3904, 234.2602

■ 21.2487, 27.9266,
23.6725

■ 21.2487, 27.9266,
23.6725

■ 19.0249, 26.8464,
20.6111

■ 23.8615, 29.2024,
27.0437

■ 17.1684, 25.9486,
17.8489

■ 26.8792, 30.6796,
30.7315

■ 15.6584, 25.2233,
15.3771

■ 30.3195, 32.3679,
34.7444

■ 14.4713, 24.6586,
13.1860

■ 34.1984, 34.2753,
39.0904

■ 13.5803, 24.2409,
11.2652

■ 38.5310, 36.4096,
43.7770

■ 12.9538, 23.9540,
9.6036

■ 43.3317, 38.7780,
48.8115

■ 12.5914, 23.7915,
8.4859

■ 48.6143, 41.3875,
54.2011

■ 54.3919, 44.2447,
59.9526

■ 60.6773, 47.3559,
66.0726

Harmonies

Analogous

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



23.0544, 27.9266, 18.1070



21.2487, 27.9266, 23.6725



20.8098, 27.9266, 32.2691

Triad

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



21.2487, 27.9266, 23.6725



27.1858, 27.9266, 51.8624



31.9256, 27.9266, 21.0969

Complementary

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



21.2487, 27.9266, 23.6725



22.9432, 18.8216, 25.3464

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.



33.2438, 27.9266, 28.6186



21.2487, 27.9266, 23.6725



30.3677, 27.9266, 47.3020

Square

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



21.2487, 27.9266, 23.6725



24.0738, 27.9266, 49.7948



32.6518, 27.9266, 38.3118



29.1763, 27.9266, 16.8457

Rectangle

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



21.2487, 27.9266, 23.6725



21.3173, 27.9266, 38.8843



32.6518, 27.9266, 38.3118



32.5606, 27.9266, 23.2616

Sweetspot

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



21.2495, 27.9278, 23.6731



49.3441, 55.5340, 56.4692



24.3984, 29.6842, 17.8086



10.9945, 12.4844, 12.5749



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.



21.2495, 27.9278, 23.6731



35.0021, 48.5293, 38.2296



22.9861, 28.6224, 32.8180



6.2294, 6.9645, 7.1314



10.1309, 19.1158, 6.9098



0.1687, 0.2927, 0.1940

Inverse Universe

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



22.9432, 18.8216, 25.3464



38.5352, 29.5205, 41.7095



21.4300, 18.2163, 17.3779



6.3565, 6.2818, 7.2576



12.4636, 6.2397, 8.9661



0.2042, 0.1004, 0.2283

Previews

White Background



This preview shows how the XYZ color 21.2487, 27.9266, 23.6725 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 21.2487, 27.9266, 23.6725 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 21.2487, 27.9266, 23.6725

Background



This preview shows how black text looks on a background with the XYZ color 21.2487, 27.9266, 23.6725.



This preview shows how white text looks on a background with the XYZ color 21.2487, 27.9266,

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

21.2487, 27.9266, 23.6725

Protanopia

26.1011, 27.6522, 21.4145

Deuteranopia

28.1552, 27.5485, 24.6023



Tritanopia

24.2380, 27.9320, 38.2964

Trichromacy



Original Color

21.2487, 27.9266, 23.6725

Protanomaly

23.8766, 27.3988, 22.1192

Deuteranomaly

25.0249, 27.2558, 24.3640

Tritanomaly

23.0835, 27.9414, 32.6104

Monochromacy



Original Color

21.2487, 27.9266, 23.6725

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.6643, 25.9999, 26.0143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2487, 27.9266, 23.6725 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(105, 155, 125)` looks like.

```
.text, #text, p{  
    color:rgb(105, 155, 125)  
}
```

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(105, 155, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 155, 125) }
```

Border

The CSS property to change the border of an element to XYZ 21.2487, 27.9266, 23.6725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

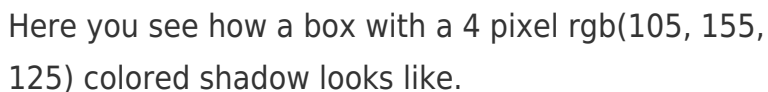
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 155, 125) }
```


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

```
.border{ border-color:rgb(105, 155, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 155, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 155, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 155, 125);  
box-shadow:4px 4px 4px 4px rgb(105, 155,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2487, 27.9266, 23.6725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 155, 125) }
```

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

```
.background{ background-color: rgb(105,  
155, 125) }
```

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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